Form 3160-3 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2016

ADDI	ICATION	FDMIT T	ו וופח ח	REENTER

5.	Lease Serial No.	
	UTU0344A	

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☐ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name CHAPITA WELLS UNI	and No.	
1b. Type of Well: ☐ Oil Well    ☐ Gas Well ☐ Oth	ner ☑ Single Zone ☐ Multiple Zone	Lease Name and Well No.     CHAPITA WELLS UNIT 814-	27	
	MARY A. MAESTAS aestas@eogresources.com	9. API Well No. 43-047-40	บ <i>4</i> /	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5526	10. Field and Pool, or Exploratory NATURAL BUTTES/MES/	AVERDE	
4. Location of Well (Report location clearly and in accorda	nce with any State requirements.*)	11. Sec., T., R., M., or Blk. and Sur	rvey or Area	
At surface SENW 2087FNL 1490FWL	44298514 - 109.316483	Sec 27 T9S R23E Mer SLB		
At proposed prod. zone SENW 2087FNL 1490FWL	44298514 - 109.316483			
<ol> <li>Distance in miles and direction from nearest town or post of 54.4 MILES SOUTH OF VERNAL, UT</li> </ol>	office*	12. County or Parish UINTAH COUNTY	13. State UT	
15. Distance from proposed location to nearest property or	16. No. of Acres in Lease	17. Spacing Unit dedicated to this	well	
lease line, ft. (Also to nearest drig. unit line, if any) 1490'	640.00			
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on file		
completed, applied for, on this lease, ft. 980'	8730 MD	NM2308		
21. Elevations (Show whether DF, KB, RT, GL, etc. 5164 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS		
	24. Attachments			

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
   A Drilling Plan.
   A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signayare (Electronic Submission)	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 05/05/2008
Title REGULATORY ASSISTANT		
Approved by (Girnature)	Name (Printed/Typed)	Date 05-4-56
Title	Office BRADLEY G. HILL ENVIRONMENTAL MANAGER	
Application approval does not warrant or certify the ap operations thereon.  Conditions of approval, if any, are attached.	plicant holds legal or equitable title to those rights in the subject lease which wou	ld entitle the applicant to conduct

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### Additional Operator Remarks (see next page)

Electronic Submission #60079 verified by the BLM Well Information System ECEIVED

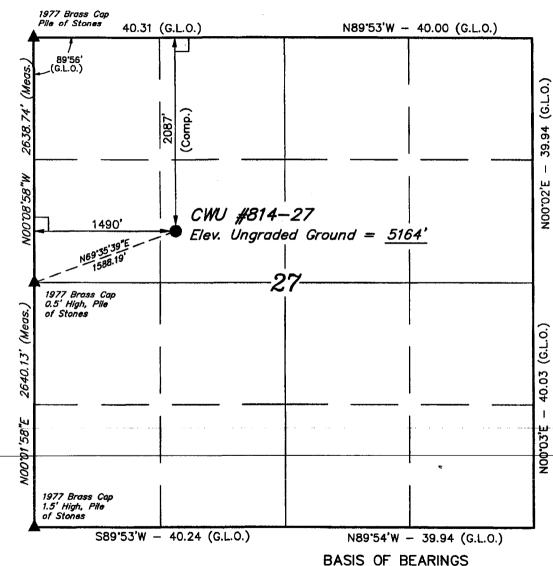
For EOG RESOURCES, INC., sent to the Vernal

Federal Approval of this Action is Necessary

MAY 0.7 2008

DIV. OF OIL, GAS & MINING

# T9S, R23E, S.L.B.&M.



# LEGEND:

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

LATITUDE =  $40^{\circ}00'31"$ 

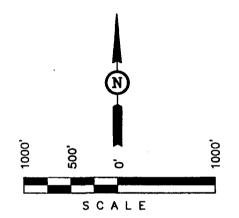
LONGITUDE = 10918'59"

# EOG RESOURCES, INC.

Well location, CWU #814—27, located as shown in the SE 1/4 NW 1/4 of Section 27, T9S, R23E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

BENCH MARK 57EAM LOCATED IN THE NE 1/4 OF SECTION 29, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5192 FEET.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE TO LANGE ARED FROM FIELD NOTES OF ACTUAL SURVEY WAS TRUE AND CONTROL TO THE BEST OF MY KNOWLEDGE AND SIZE TO 161319

EGISTERED AN SURVEYOR GISTINATION NO. 16 519

# Untah Engineering & Land Surveying 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 10	00'		DATE SURVEYED: DATE DRAWN: 12-03-01 12-05-01		
PARTY D.A.	J.A.	D.R.B.	REFERENCES G.L.O. PLA	\T	
WEATHER			FILE		_
COL	D		EOG RESOURC	ES, INC.	

# CHAPITA WELLS UNIT 814-27 SE/NW, SEC. 27, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

# 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,529		Shale	
Mahogany Oil Shale Bed	2,128		Shale	
Wasatch	4,355		Sandstone	
Chapita Wells	4,919		Sandstone	
Buck Canyon	5,572		Sandstone	
North Horn	6,126		Sandstone	
KMV Price River	6,416	Primary	Sandstone	Gas
KMV Price River Middle	7,229	Primary	Sandstone	Gas
KMV Price River Lower	8,003	Primary	Sandstone	Gas
Sego	8,530		Sandstone	
TD	8,730			

Estimated TD: 8,730' or 200'± below TD

**Anticipated BHP: 4,767 Psig** 

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

# 4. CASING PROGRAM:

CASING	<u>Hole</u> Size	Length	<u>Size</u>	<u>WEIGHT</u>	<u>Grade</u>	<u>Thread</u>	Rating Collapse	Factor Burst	Tensile
Conductor	17 1/2"	0 – 60'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	0' - 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

Note:  $12-\frac{1}{4}$ " surface hole will be drilled to a total depth of  $200^{\circ}$  below the base of the Green River lost circulation zone and cased w/9- $\frac{5}{8}$ " as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

# All casing will be new or inspected.

# CHAPITA WELLS UNIT 814-27 SE/NW, SEC. 27, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

# 5. Float Equipment:

# Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

# 6. MUD PROGRAM

# Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

# CHAPITA WELLS UNIT 814-27 SE/NW, SEC. 27, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

# 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 - Section E: Special Drilling Operations

- o EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- o EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, requiring during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by waster mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

### 8. EVALUATION PROGRAM:

**Logs:** Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

# CHAPITA WELLS UNIT 814-27 SE/NW, SEC. 27, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

### 9. CEMENT PROGRAM:

# **Surface Hole Procedure (Surface - 2300'±):**

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3

<sup>1</sup>/<sub>4</sub> #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCI<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2

gps water.

**Top Out**: As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

**Note**: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

### **Production Hole Procedure (2300'± - TD)**

**Lead:** 113 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 857 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note**: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

#### 10. ABNORMAL CONDITIONS:

### **Surface Hole (Surface - 2300'±):**

Lost circulation

#### Production Hole $(2300' \pm - TD)$ :

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

# CHAPITA WELLS UNIT 814-27 SE/NW, SEC. 27, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

# 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

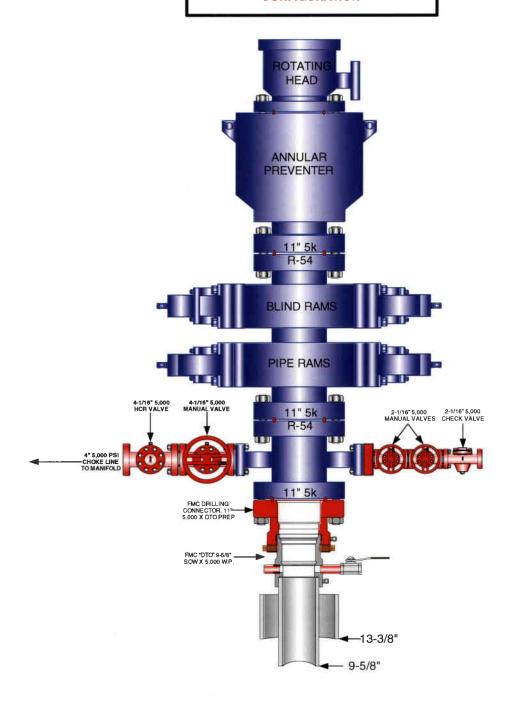
# 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

# 13. Air Drilling Operations:

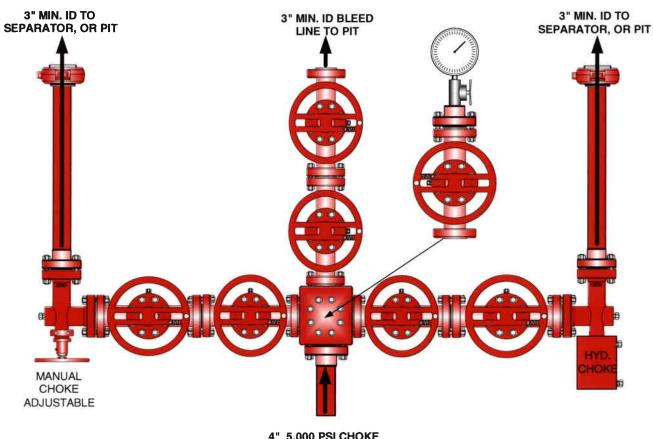
- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

**PAGE 2 0F 2** 



4" 5,000 PSI CHOKE LINE FROM HCR VALVE

# **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



# Chapita Wells Unit 814-27 SENW, Section 27, T9S, R23E Uintah County, Utah

### Surface Use Plan

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 1584 feet long with a 40-foot right-of-way, disturbing approximately 1.45 acres. New surface disturbance associated with the well pad and access road is estimated to be 3.29 acres. The pipeline is approximately 2525 feet long with a 40-foot right-of-way disturbing approximately 2.32 acres.

#### 1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 54.4 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 1584' in length, with culverts installed as construction dictates. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- A 40-foot permanent right-of-way is requested. No surfacing material will be used.

J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

An off-lease right-of-way is not required. The entire length of the proposed access road is located within Federal Lease U-0344-A.

# 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

# 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 2525' x 40'. The proposed pipeline leaves the eastern edge of the well pad (Lease U-0344-A) proceeding in a westerly, for an approximate distance of 2025' to Section 28, T9S, R23E (Lease U-0336-A) proceeding northerly for an additional 500', tieing into an existing pipeline in the SENE of Section 28, T9S, R23E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. Approximately 500' of the proposed pipeline is located off-lease in Section 28, T9S, R23E (Lease U-0336-A). However, since this well is located within unit, an off-lease right-of-way is not required.
- 7. The proposed pipeline route begins in the SENW of Section 27, Township 9S, Range 23E, proceeding westerly, then northerly for an approximate distance of 2525' to the SENE of Section 28, Township 9S, Range 23E.
- 8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon or Covert Green. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation ponds 1, 2, 3 or 4 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt, and a 16-millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the east corner of the location. The flare pit will be located downwind of the prevailing wind direction on the south side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil south of corner #5. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the west.

The location shall be ditched from corner #5 to corner #6, continuing on to the wash.

The corners of the well pad will be rounded off as needed to minimize excavation.

#### FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

# 10. Plans for Reclamation of the Surface:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
HyCrest Wheatgrass	9.0
Prostrate Kochia	3.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Gardner Saltbush	3.0
Shadscale	3.0
HyCrest Wheatgrass	3.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. Surface Ownership:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

#### **Bureau of Land Management**

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places:
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological Consultants. A paleontological survey was conducted and submitted by Intermountain Paleo on November 8, 2007.

#### **Additional Surface Stipulations:**

None.

#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

# **PERMITTING AGENT**

Mary A. Maestas EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

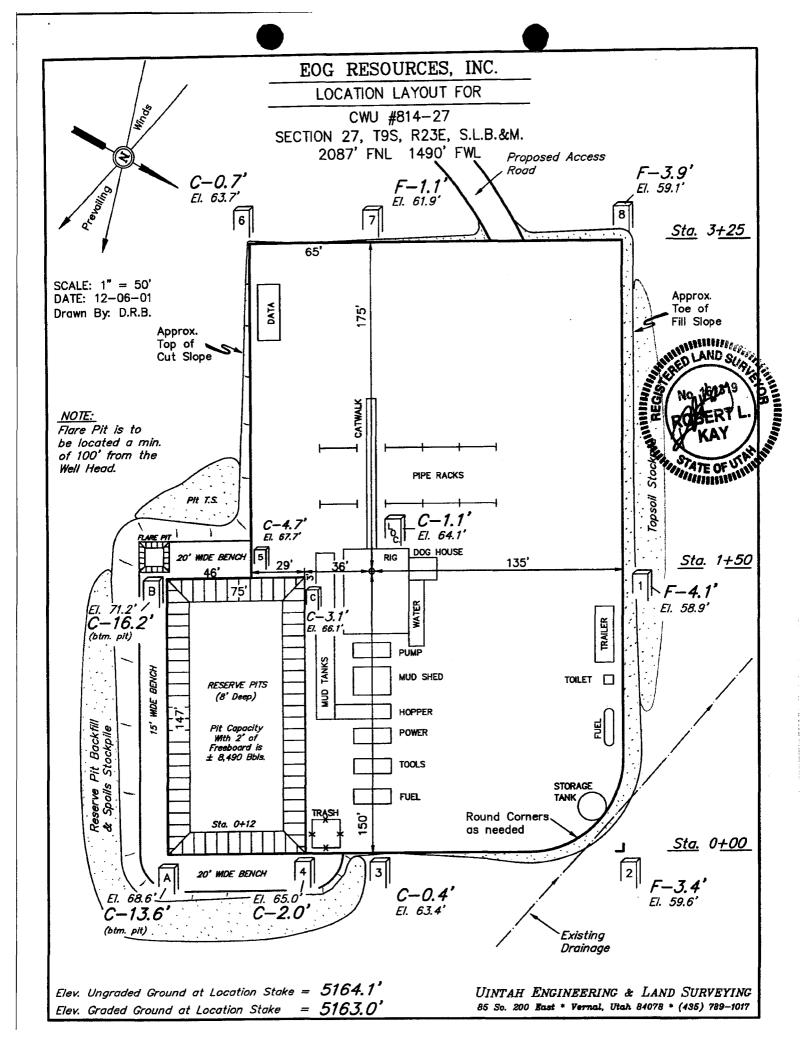
The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

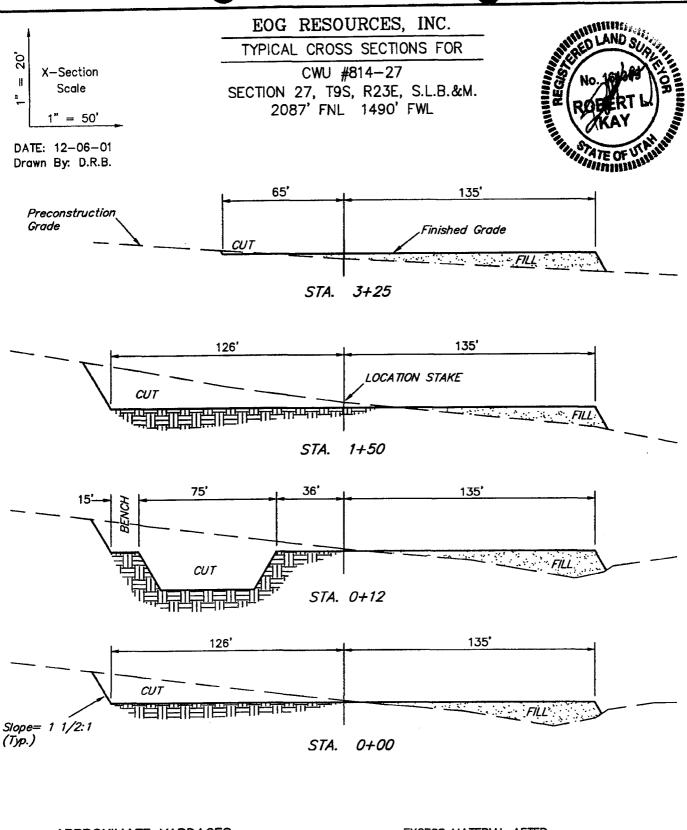
# **CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 814-27 Well, located in the SENW, of Section 27, T9S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

May 5, 2008	Mary a. Maylor
Date	Mary A. Maestas, Regulatory Assistant
Date of onsite: April 17, 2008	





# APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,430 Cu. Yds.

Remaining Location = 6,100 Cu. Yds.

•

TOTAL CUT = 7,530 CU.YDS.

FILL = 4,590 CU.YDS.

EXCESS MATERIAL AFTER

5% COMPACTION = 2,700 Cu. Yds.

Topsoil & Pit Backfill = 2,700 Cu. Yds.

(1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds. (After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# EOG RESOURCES, INC.

CWU #814-27

LOCATED IN UINTAH COUNTY, UTAH SECTION 27, T9S, R23E, S.L.B.&M.

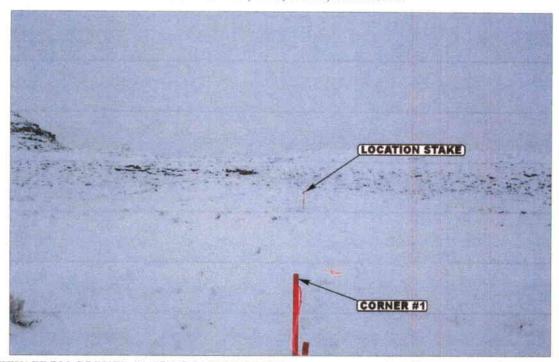


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

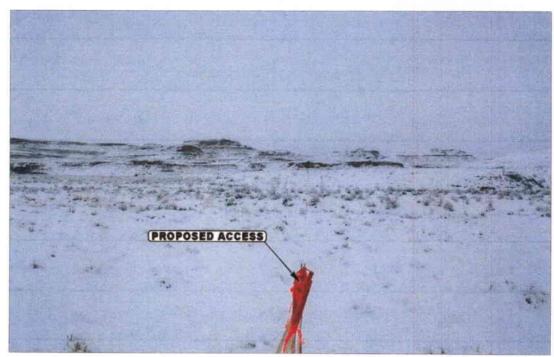


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



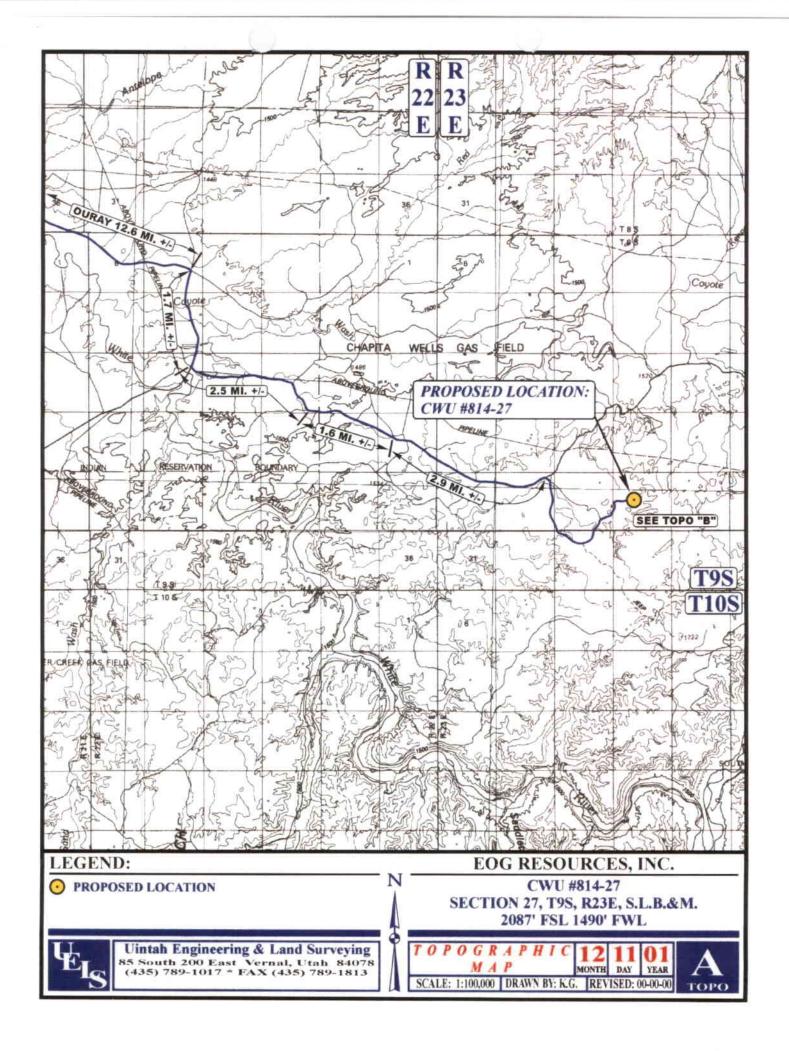
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

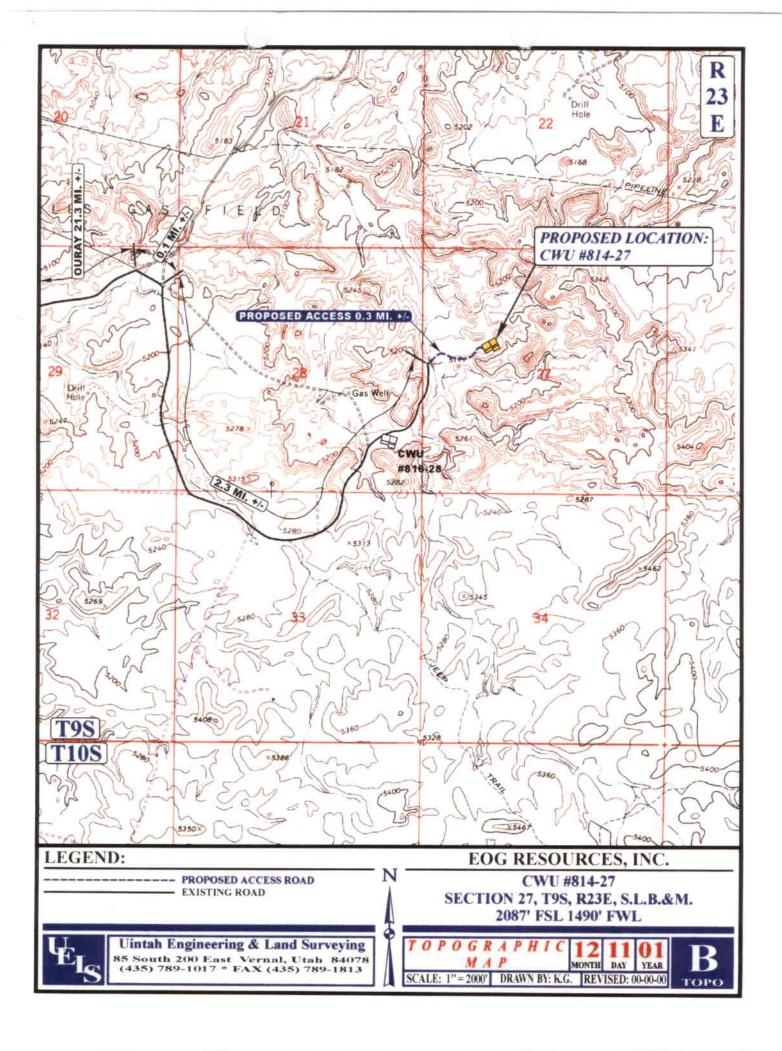
**LOCATION PHOTOS** 

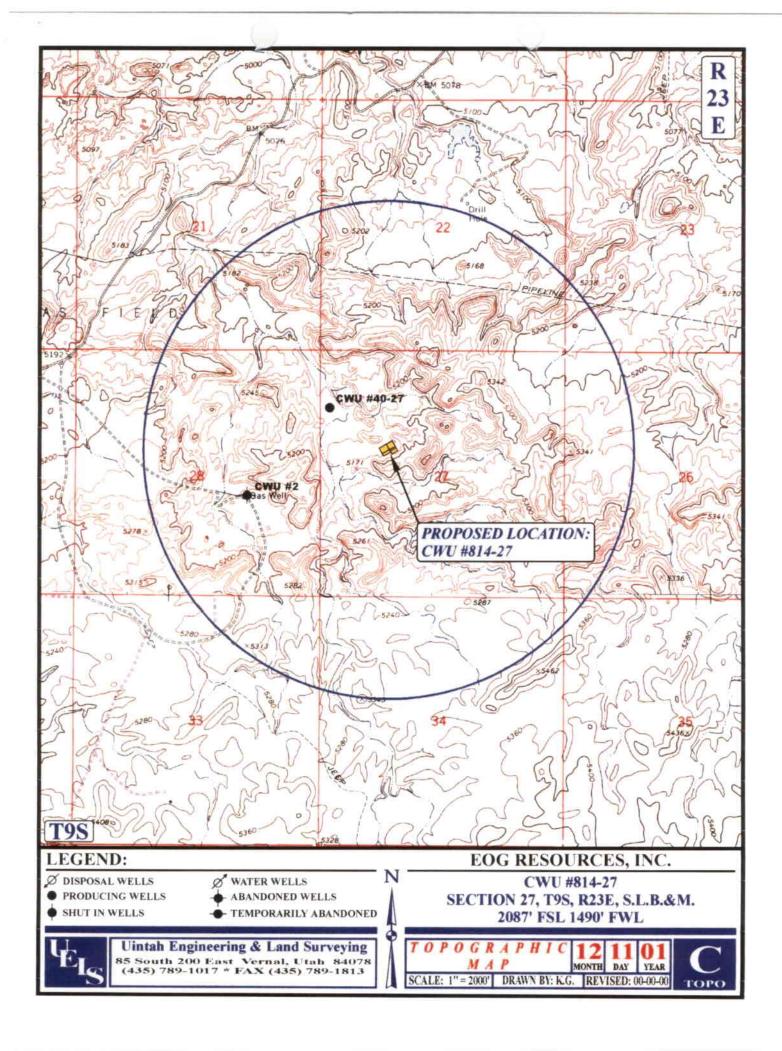
MONTH DAY YEAR

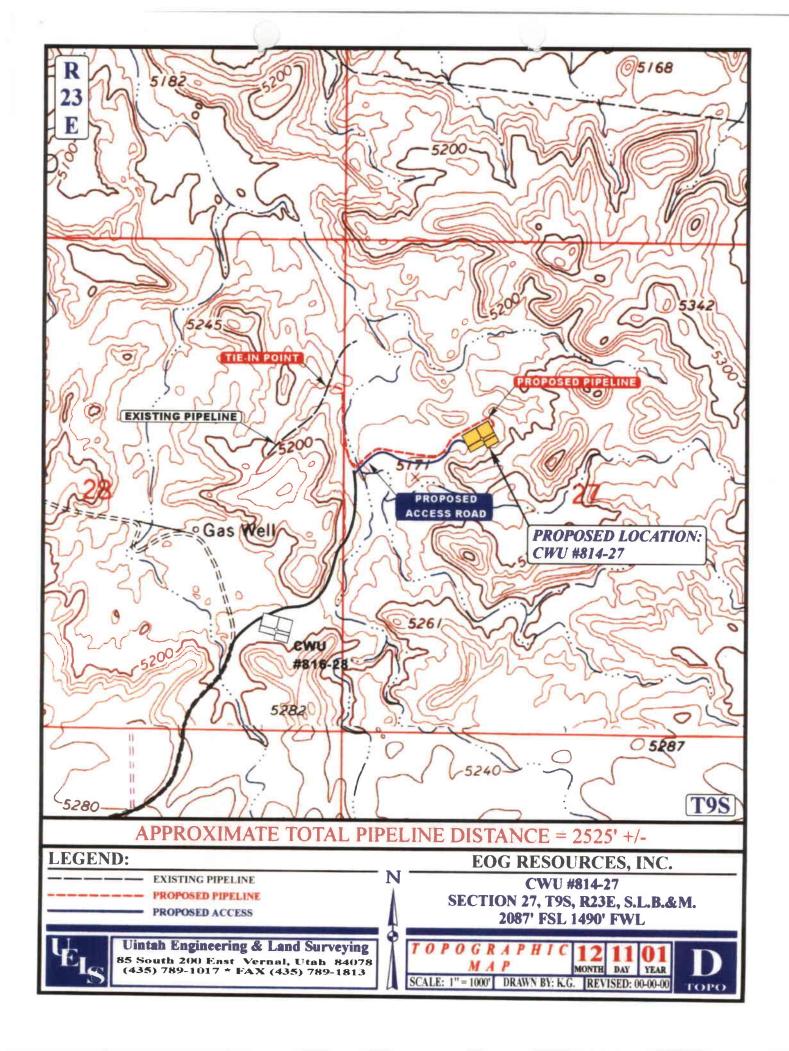
РНОТО

TAKEN BY D.A. DRAWN BY K.G. REVISED 00-00-00

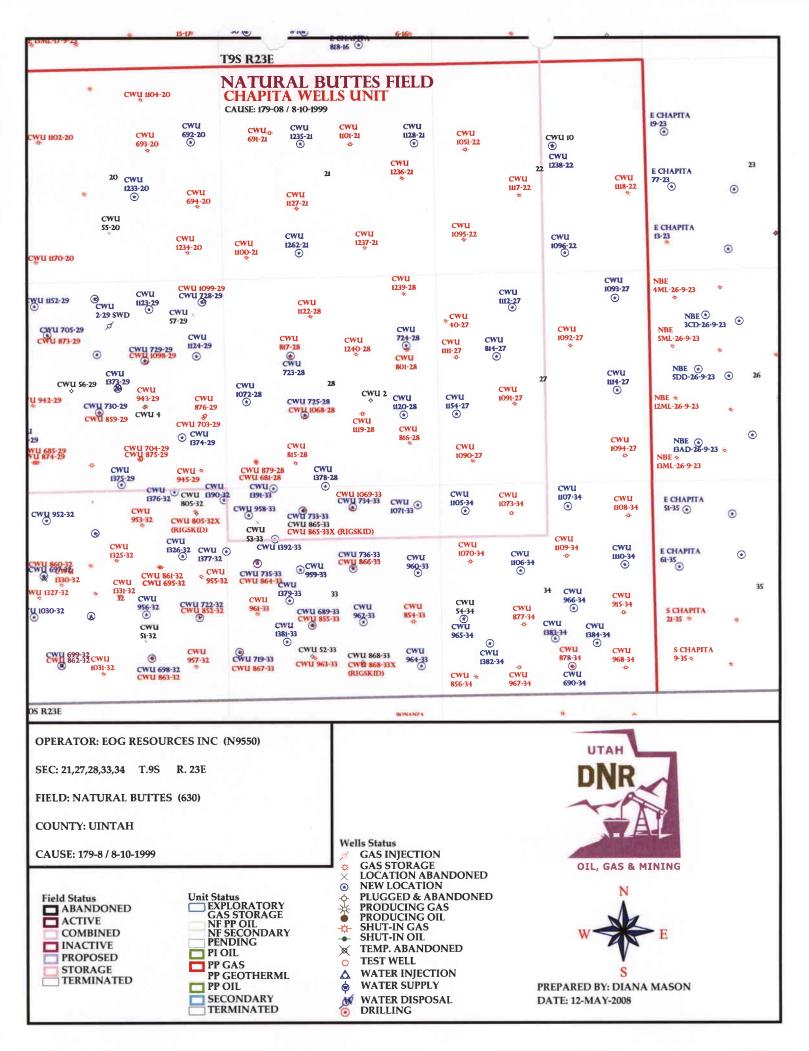








APD RECEIVED: 05/07/2008	AP	I NO. ASSIG	SNED: 43-047	-40041
WELL NAME: CWU 814-27				
OPERATOR: EOG RESOURCES, INC. ( N9550 )	PHON	E NUMBER:	303-824-5526	6
CONTACT: MARY MAESTAS				
CONTROL.				
PROPOSED LOCATION:	INSI	PECT LOCATN	BY: /	/
SENW 27 090S 230E SURFACE: 2087 FNL 1490 FWL	Teci	h Review	Initials	Date
BOTTOM: 2087 FNL 1490 FWL	Eng	ineering		
COUNTY: UINTAH	Geo	logy		
LATITUDE: 40.00853 LONGITUDE: -109.3165 UTM SURF EASTINGS: 643694 NORTHINGS: 44298	Sur	face		
FIELD NAME: NATURAL BUTTES ( 630				
LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU0344A  SURFACE OWNER: 1 - Federal	-	OSED FORMA		D
RECEIVED AND/OR REVIEWED:	LOCATION AN	ND SITING:		
Plat	R649-2	2-3.		
Bond: Fed[1] Ind[] Sta[] Fee[]	Unit: CHAP	דידא אידוד.כ		
(No. NM2308 )	Unit: CHAF	TIA WELLS		·····
<u>i</u> Potash (Y/N)		3-2. Gener		
<u>∧</u> Oil Shale 190-5 (B) or 190-3 or 190-13	Siting	g: 460 From Q	tr/Qtr & 920' B	etween Wells
Water Permit	R649-3	3-3. Excep	otion	
(No. <u>49-225</u> )	/ Drill:	ing Unit		
N RDCC Review (Y/N)	·	d Cause No:	ina O	
(Date:)	Eff 1	Date:	8-10-1999	7
Fee Surf Agreement (Y/N)	Siti	ng: Sir Spine	de Jeneral &	Sitil
NUA Intent to Commingle (Y/N)	R649-	3-11. Dir∈	ectional Dril	11
COMMENTED				
COMMENTS:	-			
CHIPMINETONS:				
STIPULATIONS: 1- deduction	typrovol)			
		<del></del>		



# **United States Department of the Interior**

# **BUREAU OF LAND MANAGEMENT**

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

May 14, 2008

#### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Chapita Wells Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ MesaVerde)

43-047-40054 CWU 1262-21 Sec 21 T09S R23E 0588 FSL 1905 FWL 43-047-40041 CWU 0814-27 Sec 27 T09S R23E 2087 FNL 1490 FWL 43-047-40042 CWU 1154-27 Sec 27 T09S R23E 1781 FSL 0470 FWL 43-047-40043 CWU 1120-28 Sec 28 T09S R23E 1784 FSL 0850 FEL 43-047-40055 CWU 1379-33 Sec 33 T09S R23E 2464 FSL 1514 FWL 43-047-40056 CWU 1071-33 Sec 33 T09S R23E 2464 FSL 1514 FWL 43-047-40057 CWU 0966-34 Sec 34 T09S R23E 2151 FSL 2007 FEL 43-047-40044 CWU 1384-34 Sec 34 T09S R23E 1260 FSL 1438 FEL 43-047-40045 CWU 1383-34 Sec 34 T09S R23E 1399 FSL 2479 FEL 43-047-40046 CWU 1106-34 Sec 34 T09S R23E 2174 FNL 1982 FWL 43-047-40047 CWU 1110-34 Sec 34 T09S R23E 2070 FNL 0713 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron

Agr. Sec. Chron Fluid Chron

MCoulthard:mc:5-14-08





MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 14, 2008

EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078

Re:

Chapita Wells Unit 814-27 Well, 2087' FNL, 1490' FWL, SE NW, Sec. 27, T. 9 South,

R. 23 East, Uintah County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40041.

Sincerely,

(for ) Gil Hunt

Associate Director

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal Office



Operator:	EOG Resources,	Inc.	
Well Name & Number	Chapita Wells Unit 814-27		
API Number:	43-047-40041 UTU0344A		College of the Colleg
Lease.	0100344A		
Location: SE NW	Sec. 27	T. 9 South	R. 23 East

# **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# 2. Notification Requirements

Notify the division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

# 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (August 2007)

# RECEIVED

**UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** 

MAY 0 5 2008

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENT	N	V
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Lease Serial No. UTU0344A

APPLICATION FOR PERMIT	TO DRILL OR REENTED LIV	6. If Indian, Allottee or Tribe Name
Ia. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, Name and No. UTU63013AV
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Oth	er Single Zone  Multiple Zone	Lease Name and Well No.     CWU 814-27
	MARY A. MAESTAS aestas @eogresources.com	9. API Well No.  43.047-40041
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5526	10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well (Report location clearly and in accorda	nce with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area
At surface SENW 2087FNL 1490FWI At proposed prod. zone SENW 2087FNL 1490FWI		Sec 27 T9S R23E Mer SLB SME: BLM
14. Distance in miles and direction from nearest town or post off 54.4 MILES SOUTH OF VERNAL, UT	ice*	12. County or Parish 13. State UINTAH UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1490'	16. No. of Acres in Lease 640.00	17. Spacing Unit dedicated to this well
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> </ol>	19. Proposed Depth	20. BLM/BIA Bond No. on file
980'	8730 MD	NM2308
21. Elevations (Show whether DF, KB, RT, GL, etc. 5164 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS
	24. Attachments	the state of the s
The following, completed in accordance with the requirements of C	onshore Oil and Gas Order No. 1, shall be attached to this	orm:
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office</li> </ol>	Lands, the Item 20 above).  5. Operator certification	ormation and/or plans as may be required by the
25. Signature (Electronic Submission)	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 05/05/2008
Title REGULATORY ASSISTANT		
Approved by (Signature)	Name (Printed/Typed)	Date
My Gennel	Frenz Kenzela	1-24-2008
Lands & Mineral Resources	VERNAL FIELD OFFICE	
Application approval does not warrant of certify the applicant hold operations thereon.  Conditions of approval, if any, are attached.	s legal or equitable title to those rights in the subject lease	which would entitle the applicant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, m States any false, fictitious or fraudulent statements or representation		ake to any department or agency of the United
Additional Operator Remarks (see next page)		
	ion #60079 verified by the RI M Well Infor	JUL 0 9 2008

For EOG RESOURCES INC, sent to the Vernal

Committed to AFMSS for processing by GAIL JENKINS on 05/05/2008 (08GXJ3775) AEDF OIL, GAS & MINING

UDOG M BLM REVISED

ONS OF APPROVAL ATTACHED

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



## CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

**EOG Resources Inc** 

Location:

SENW, Sec. 27, T9S, R23E

CWU 814-27

Lease No:

UTU-0344A

API No: 43-047-40041

Agreement:

**Chapita Wells Unit** 

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

# NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)		Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: CWU 814-27 6/19/2008

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work, and contact the Authorized Officer (AO). A report will be prepared by the Paleontologist and submitted to the BLM at the completion of surface disturbing activities.
- Bury pipeline at all low water crossings.
- Permission from an authorized BLM representative would be required if construction or other operations occur during wet conditions that would lead to excessive rutting.
- Permission to clear all wildlife stipulations would only be approved by the BLM wildlife biologist during the specific timing for the species potentially affected by this action.
- Culverts and gravel may be installed as needed.

Page 3 of 6 Well: CWU 814-27 6/19/2008

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- The conductor pipe shall be set and cemented in a competent formation.
- A surface casing shoe integrity test shall be performed.
- A variances are granted for Onshore Order #2-Drilling Operations III. E. Blooie line can be 75 feet. Deduster and ignitor; drilling with mist system, OK Rig mounted compressors less the 100' away OK. All other requirements in O.O. #2 III. E. Special Drilling Operations are applicable.
- Production casing cement shall be at a minimum 200 feet inside the surface casing.
   A CBL shall be run from TD to top of cement and a field copy shall be sent to this field office.
- The Gamma ray log shall be run from TD to surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

# DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

Page 4 of 6 Well: CWU 814-27 6/19/2008

- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: CWU 814-27 6/19/2008

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - o Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 6 of 6 Well: CWU 814-27 6/19/2008

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



## United States Department of the Interior



#### BUREAU OF LAND MANAGEMENT

Vernal Field Office 170 South 500 East Vernal, Utah 84078-2799 http://www.blm.gov/utah/vernal

Phone: (435) 781-4400 Fax: (435) 781-4410

IN REPLY REFER TO: 3160 UT08300

June 25, 2008

43-047-40041

EOG Resources, Inc. Kaylene Gardner Regulatory Assistant 1060 East Highway 40 Vernal, Utah 84078

Re:

Well No. CWU 814-27 SENW, Sec.27, T9S, R23E Uintah County, Utah Lease No. UTU-0344A

Dear Ms: Gardner:

Enclosed are two copies of the approved Application for Permit to Drill (APD) with attached Conditions of Approval.

If you have any questions concerning APD processing, please contact me at (435) 781-4429.

Sincerely,

Johnetta Magee

Legal Instruments Examiner

Enclosures

bcc: Well file

Reading file ES

RECEIVED
AUG 0 5 2008

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Cor	npany:		EOG R	<u>ESOUI</u>	RCES IN	NC	•	
Well Name	•		CWU 8	14-27				
Api No:	43-047	-40041		Lease	e Type:_	FEDE	RAL	
Section 27	Towns	hip <u>09S</u>	Range_	23E	Coun	tyU	INTAH	
Drilling Cor	ntractor	CRAIG'S I	ROUSTA	BOUT	SERV	RIG #_	RATHOLE	
SPUDDE	D:							
	Date	08/2	8/08	<u>-</u>				
	Time	3:00	PM					
	How	DR	Y					
Drilling wi	II Comm	ence:						
Reported by	**************************************		JERRY	BARN	IES			······
Telephone #			(435) 8	<u> 28-172</u> 0	0		····	
Date	08/28/08	S	Signed	CHI	)			

Form 3160-5 (August 2007)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

Do not use the	NOTICES AND REPOI is form for proposals to II. Use form 3160-3 (API	drill or to re-enter an		6. If Indian, Allottee of	or Tribe Name
SUBMIT IN TRI	PLICATE - Other instruc	tions on reverse side.		7. If Unit or CA/Agre CHAPITA WEL	ement, Name and/or No. LS UNI
Type of Well     Oil Well	ner			8. Well Name and No. CHAPITA WELLS	
Name of Operator     EOG RESOURCES, INC.		MICKENZIE THACKER E_THACKER@EOGRESOURCE	ES.COM	9. API Well No. 43-047-40041	
3a. Address 1060 E. HWY 40 VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435-781-9145		<ol> <li>Field and Pool, or NATURAL BUT</li> </ol>	
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description)	r i i i i i i i i i i i i i i i i i i i		<ol> <li>County or Parish,</li> </ol>	and State
Sec 27 T9S R23E SENW 208	7FNL 1490FWL			UINTAH COUN	TY, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE NATURE OF 1	NOTICE, R	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION		TYPE O	F ACTION		
☐ Notice of Intent ☐ Subsequent Report	☐ Acidize ☐ Alter Casing ☐ Casing Repair	☐ Deepen ☐ Fracture Treat ☐ New Construction	☐ Product☐ Reclam☐ Recomp		☐ Water Shut-Off ☐ Well Integrity ☑ Other
☐ Final Abandonment Notice	☐ Change Plans ☐ Convert to Injection	☐ Plug and Abandon☐ Plug Back		arily Abandon	Well Spud
13. Describe Proposed or Completed Op- If the proposal is to deepen direction: Attach the Bond under which the wo following completion of the involved	ally or recomplete horizontally, rk will be performed or provide	give subsurface locations and measu the Bond No. on file with BLM/BIA	red and true vo Required su	ertical depths of all pertir bsequent reports shall be	nent markers and zones. filed within 30 days

testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well was spud on 8/28/2008.

14. I hereby certify that the foregoing is true and correct.  Electronic Submission #62620 verified For EOG RESOURCES,			
Name (Printed/Typed) MICKENZIE THACKER	Title	OPERATIONS CLERK	
Signature Wille Submissian (Ular)	Date	08/28/2008	
THIS SPACE FOR FEDERA	L OR	STATE OFFICE USE	
Approved By	Title		Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any pe States any false, fictitious or fraudulent statements or representations as to any matter w	rson kno	wingly and willfully to make to any department or agency urisdiction.	of the United

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

SEP 0 2 2008

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

## **ENTITY ACTION FORM**

Operator:

**EOG RESOURCES** 

Operator Account Number: N 9550

Address:

1060 East Highway 40

city VERNAL

state UT

zip 84078

Phone Number: (435) 781-9145

#### Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
43-047-39279	EAST CHAPITA 68-0	4	NWNW	4	98	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Sı	pud Da	te	Entity Assignment Effective Date	
Α	99999	17052	8	/26/200	8		9/22/08

Wall 2

API Number	Well I	Name	QQ	Sec	Twp	Rng County	
43-047-39928	CHAPITA WELLS UN	IT 1351-27	351-27 SENE 27 9S 22E UIN				
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		ty Assignment fective Date
KB	99999	13650	8	3/22/200	18	9,	122/08
Comments: MES	AVERDE WELL					-	

#### Well 3

API Number	Well	Name	QQ	Sec	Twp	Rng	County
43-047-40041	CHAPITA WELLS UN	IIT 814-27	SENW	SENW 27 9S			UINTAH
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ity Assignment ffective Date
KB	99999	13650	8	3/28/200	8	9	122/08
Comments: MES	AVERDE WELL					-	

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new-entity
- Other (Explain in 'comments' section)

**RECEIVED** 

Mickenzie Thacker

Name (Please Print) 8/29/2008

Operations Clerk

Date

Title

(5/2000)

SEP 0 2 2008

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREALLOG LAND MANAGEMENT

_	 	_	xp.	res	Ju	ly 3	1,	20
		-				100		
		- 1	rv.	UIVI	AI	FI	יט	V D

SUNDRY	UREAU OF LAND MANAGE NOTICES AND REPORT Is form for proposals to dr	rs on Wi	LLS		5. Lease Serial No. UTU0344A	
abandoned wel	s form for proposals to dr ll. Use form 3160-3 (APD)	for such p	roposals.		6. If Indian, Allottee of	r Tribe Name
SUBMIT IN TRII	PLICATE - Other instruction	ons on rev	erse side.		7. If Unit or CA/Agree CHAPITA WELI	ement, Name and/or No. _S UNI
1. Type of Well					8. Well Name and No. CHAPITA WELLS	UNIT 814-27
Oil Well Gas Well Oth  2. Name of Operator		ARY A. MA	ESTAS		9. API Well No.	
EOG RESOURCES, INC.	E-Mail: mary_maesta				43-047-40041	
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202		b. Phone No Ph: 303-82	. (include area code) 4-5526		10. Field and Pool, or NATURAL BUT	
4. Location of Well (Footage, Sec., T.	., R., M., or Survey Description)	·			11. County or Parish,	and State
Sec 27 T9S R23E SENW 208	7FNL 1490FWL				UINTAH COUN	TY, UT
12. CHECK APPF	ROPRIATE BOX(ES) TO I	NDICATE	NATURE OF 1	NOTICE, R	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			TYPE OI	FACTION		
□ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off
_	☐ Alter Casing	☐ Frac	ture Treat	□ Reclam	ation	■ Well Integrity
🕱 Subsequent Report	☐ Casing Repair	□ New	Construction	☐ Recomp	olete	Other Production Start-up
☐ Final Abandonment Notice	☐ Change Plans		and Abandon		arily Abandon	1 roddenom Start-up
	☐ Convert to Injection	Plug	<u></u>	☐ Water I	<u> </u>	
13. Describe Proposed or Completed Opt If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fi	ally or recomplete horizontally, give will be performed or provide the operations. If the operation result andonment Notices shall be filed and inspection.)	ve subsurface e Bond No. or ts in a multipl only after all	locations and measure file with BLM/BIA e completion or recordequirements, include the attached ope	ared and true versions. Required submpletion in a sing reclamation	rtical depths of all perting bacquent reports shall be new interval, a Form 316 n, have been completed,	ent markers and zones. filed within 30 days 0-4 shall be filed once
14. I hereby certify that the foregoing is	true and correct					
14. Thereby certify that the foregoing is	Electronic Submission #64	799 verifie SOURCES,	I by the BLM Wel INC., sent to the	l Information Vernal	System	
Name (Printed/Typed) MARY A.	MAESTAS		Title REGUL	ATORY AS	SISTANT	
Signature W. (Flectron) S	Submission C.		Date 11/14/2	008		
	THIS SPACE FOR	FEDERA	L OR STATE	OFFICE U	SE 	<u> </u>
Approved By			Title			Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equ which would entitle the applicant to condu	uitable title to those rights in the su		Office			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### WELL CHRONOLOGY **REPORT**

Report Generated On: 11-14-2008

Event No	1.0	Description	DRILL & COMPLETE		
Location	Section 27, T9S, R23E,	SENW, 2087 FNL & 149	0 FWL		
KB / GL Elev	5,176/ 5,163				
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0
Tax Credit	N	TVD / MD	8,730/ 8,730	Property #	059749
County, State	UINTAH, UT	Spud Date	09-15-2008	Class Date	11-12-2008
Field	CHAPITA DEEP	API#	43-047-40041	Well Class	1SA
Well Name	CWU 814-27	Well Type	DEVG	Division	DENVER

Operator	EOG RESOU	RCES, INC W	I% 55.5	817	NRI %	47.178	26
AFE No	304229	<b>A</b>	FE Total	1,747,900	DHC / CV	WC 880	,700/ 867,200
Rig Contr	ELENBURG	Rig Name	ELENBURG #29	Start Date	08-13-2008	Release Date	09-22-2008
Rig Contr	ELENBURG	Rig Name	ELENBURG #29	Start Date	08-14-2008	Release Date	09-22-2008
08-13-2008	Reported B	y SHEIL	A MALLOY				
DailyCosts: D	rilling \$0		Completion	\$0	Daily	Total \$0	
Cum Costs: D	rilling \$0		Completion	\$0	Well 7	Total \$0	
MD	0 <b>TVD</b>	0 <b>P</b> 1	rogress 0	Days	0 <b>MW</b>	0.0 Vis	e 0.0
Formation:		<b>PBTD</b> : 0.0		Perf:		PKR Depth : 0	0.0

Activity at Report Time: LOCATION DATA

**Activity Description** Start End Hrs 06:00 06:00 24.0 LOCATION DATA

2087' FNL & 1490' FWL (SE/NW)

**SECTION 27, T9S, R23E** UINTAH COUNTY, UTAH

LAT 40°00'31", LONG 109°18'59"

ELENBURG #29

OBJECTIVE: 8730' TD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU0344A

ELEVATION: 5164.1' NAT GL, 5163.0' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5163'), 5176' KB

(13')

EOG BPO WI 55.5817%, NRI 47.17826%

Reported By

08-15-2008

STEVE & DAN

Property: 059749

DailyCosts: Drilling	\$38,000 \$38,000	Completion Completion	\$0 \$0		Daily Tota Well Total		
Cum Costs: Drilling  MD  0	<b>TVD</b> 0			0	MW	0.0 <b>Visc</b>	0.0
MD 0 Formation:	PBTD:		Days Perf :	O		R Depth: 0.0	0.0
Activity at Report Ti			ren.		1.19	ax Depth : 0.0	
Start End	Hrs Activity De						
06:00 06:00	•	STARTED TODAY.					
-		TERRI CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	\$0	
Cum Costs: Drilling	\$38,000	Completion	\$0		Well Total	\$38,000	
<b>MD</b> 0	TVD 0	Progress 0	Days	o	MW	0.0 Visc	0.0
Formation :	PBTD :	<u> </u>	Perf:		PK	TR Depth: 0.0	
Activity at Report Ti	me: BUILD LOCATIO	N					
Start End	Hrs Activity De	escription					
06:00 06:00	24.0 LOCATION	20% COMPLETE.					
08-19-2008 Re	eported By	TERRI CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	<b>1</b> \$0	
Cum Costs: Drilling	\$38,000	Completion	\$0		Well Total	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress 0	Days	0	MW	0.0 Visc	0.0
Formation :	PBTD	: 0.0	Perf:		PK	R Depth: 0.0	
Activity at Report Ti	me: BUILD LOCATIO	N					
Start End	Hrs Activity De	escription					
		UT, DRILLING ROCK.					
06:00 06:00	24.0 ROCKED O						
	24.0 ROCKED O	TERRI CSERE				<u> </u>	
08-20-2008 Re		<del></del>	\$0		Daily Tota	ı \$0	
08-20-2008 Re	eported By	TERRI CSERE	\$0 \$0		Daily Tota	•	
08-20-2008 ReDailyCosts: Drilling Cum Costs: Drilling	eported By \$0	TERRI CSERE  Completion		0	•	•	0.0
08-20-2008 Reconstruction Problems Reconstruction R	\$0 \$38,000	TERRI CSERE  Completion Completion Progress 0	\$0	0	Well Total	\$38,000	0.0
08-20-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	\$0 \$38,000 \$YVD 0 \$BTD	Completion Completion Progress 0 : 0.0	\$0 Days	0	Well Total	\$38,000 0.0 <b>Visc</b>	0.0
08-20-2008 Ro DailyCosts: Drilling Cum Costs: Drilling	\$0 \$38,000 \$YVD 0 \$BTD	Completion Completion Progress 0 : 0.0	\$0 Days	0	Well Total	\$38,000 0.0 <b>Visc</b>	0.0
D8-20-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti	\$0 \$38,000 TVD 0 PBTD me: BUILD LOCATIO	Completion Completion Progress 0 : 0.0  N escription	\$0 Days	0	Well Total	\$38,000 0.0 <b>Visc</b>	0.0
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D8-20-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00	\$0 \$38,000  TVD 0 PBTD me: BUILD LOCATIO Hrs Activity Do 24.0 DRILLING	Completion Completion Progress 0  : 0.0  ON escription ROCK.	\$0 Days	0	Well Total	\$38,000 0.0 Visc CR Depth: 0.0	0.0
D8-20-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00 D8-21-2008 Re DailyCosts: Drilling	\$0 \$38,000  TVD 0 PBTD me: BUILD LOCATIO Hrs Activity Do 24.0 DRILLING I	Completion Completion Progress 0  : 0.0  in Secription ROCK. TERRI CSERE	\$0  Days  Perf:	0	Well Total MW PK	\$38,000 0.0 Visc CR Depth: 0.0	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00 D8-21-2008 Re DailyCosts: Drilling	\$0 \$38,000  TVD 0 PBTD me: BUILD LOCATIO Hrs Activity Do 24.0 DRILLING I	Completion Completion Progress 0  : 0.0  ON escription ROCK. TERRI CSERE Completion	\$0 Days Perf:	0	Well Total MW PK  Daily Tota	\$38,000 0.0 Visc CR Depth: 0.0	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00 08-21-2008 Ro DailyCosts: Drilling Cum Costs: Drilling	\$0 \$38,000  TVD 0 PBTD me: BUILD LOCATIO Hrs Activity Do 24.0 DRILLING D eported By \$0 \$38,000	Completion Completion Progress 0  0  0  Construction Progress 0  Construction Completion Completion Progress 0	\$0  Days  Perf:  \$0  \$0  \$0		Well Total MW PK  Daily Total Well Total	\$38,000 0.0 Visc CR Depth : 0.0	
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00 D8-21-2008 Ro DailyCosts: Drilling	so \$38,000  TVD 0 PBTD  me: BUILD LOCATIO  Hrs Activity Do 24.0 DRILLING 1  eported By \$0 \$38,000  TVD 0 PBTD	Completion Completion Progress 0  : 0.0  EN  ESCRIPTION ROCK. TERRI CSERE Completion Completion Progress 0  : 0.0	\$0  Days  Perf:  \$0  \$0  \$0  Days		Well Total MW PK  Daily Total Well Total	\$38,000  0.0 Visc  CR Depth: 0.0  1 \$0     \$38,000  0.0 Visc	
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DailyCosts:	: Drilling	\$0		Com	pletion	\$0		Daily	y Total	\$0	
Cum Costs	: Drilling	\$38,00	00	Com	pletion	\$0		Well	Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	oth: 0.0	
Activity at 1	Report Ti	me: BUILD L	OCATION								
Start	End	Hrs Acti	ivity Desc	ription							
06:00	06:00	24.0 SHC	OOTING TO	DDAY.					, m - s m		
08-25-2008	8 Re	eported By	T	ERRI CSERE							
DailyCosts:	Drilling	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs	: Drilling	\$38,00	00	Com	pletion	\$0		Well	Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	:		<b>PBTD</b> : 0	0.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity at !	Report Ti	me: BUILD Lo	OCATION								
Start	End	Hrs Acti	ivity Desc	ription							
06:00	06:00	24.0 PUS	HING OUT	Г РІТ.							
08-26-2008	8 Re	ported By	Tì	ERRI CSERE							
DailyCosts:	Drilling	\$0		Com	pletion	\$0		Daily	y Total	\$0	
Cum Costs:	: Drilling	\$38,00	10	Com	pletion	\$0		Well	Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	:		<b>PBTD</b> : 0	0.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity at ?	Report Ti	me: WO BUCI	KET TRUC	ж							
Start	End	Hrs Acti	ivity Desc	ription							
06:00	06:00	24.0 LOC	CATION CO	OMPLETE.							
08-29-2008	8 Re	ported By	JE	ERRY BARNES							
DailyCosts:	Drilling	\$6,119	١.	Com	pletion	\$0		Daily	<b>Total</b>	\$6,119	
Cum Costs:	: Drilling	\$44,11	9	Com	pletion	\$0		**7 11	T-4-1		
MD					1	*-		Well	lotai	\$44,119	
	2,220	TVD	2,220	Progress	0	Days	0	Well MW	0.0	\$44,119 <b>Visc</b>	0.0
Formation			2,220 <b>PBTD</b> : 0	· ·	_		0			Visc	0.0
Formation	:		<b>PBTD</b> : 0	0.0	_	Days	0		0.0	Visc	0.0
Formation :	:	me: SPUD NO	<b>PBTD</b> : 0	).0 ON	_	Days	0		0.0	Visc	0.0
Formation :	: Report Tii	me: SPUD NO  Hrs Acti  24.0 CRA  CEM	PBTD: 0 OTIFICATION IVITY Desc AIGS ROUS MENT TO S	).0 ON	0 /ICE SPUI I READY I	Days Perf:  DA 20" HOLE MIX. JERRY F	ON 08/28/9 3ARNES NO	<b>MW</b> 08 @ 3:00 PI	0.0 <b>PKR De</b> M, SET 60° O	<b>Visc oth:</b> 0.0  F 14" CONDUC	TOR.
Formation : Activity at 1 Start	: Report Tii End 06:00	me: SPUD NO  Hrs Acti  24.0 CRA  CEM	PBTD: 0 DTIFICATIO ivity Desc AIGS ROUS MENT TO S CHAEL LEE	0.0 ON Cription STABOUT SERV SURFACE WITH	0 /ICE SPUI I READY I HE SPUD (	Days Perf:  DA 20" HOLE MIX. JERRY F	ON 08/28/9 3ARNES NO	<b>MW</b> 08 @ 3:00 PI	0.0 <b>PKR De</b> M, SET 60° O	<b>Visc oth:</b> 0.0  F 14" CONDUC	TOR.
Formation : Activity at 1 Start 06:00	: Report Til End 06:00	me: SPUD NO Hrs Acti 24.0 CRA CEM MIC	PBTD: 0 DTIFICATION IVITY DESCRIPTION MENT TO S CHAEL LEF	0.0  Cription  STABOUT SERVEURFACE WITH  E W/BLM OF THE  ES FARNSWOR	0 /ICE SPUI I READY I HE SPUD (	Days Perf:  DA 20" HOLE MIX. JERRY F	ON 08/28/9 3ARNES NO	MW 08 @ 3:00 PI OTIFIED CA	0.0 <b>PKR De</b> M, SET 60° O	<b>Visc oth:</b> 0.0  F 14" CONDUC	TOR.
Formation : Activity at 1 Start 06:00  09-11-2008	: Report Tin End 06:00 B Re	me: SPUD NO Hrs Acti 24.0 CRA CEM MIC	PBTD: 0 DTIFICATION DTIFICATION IVITY Desc MIGS ROUS MENT TO S CHAEL LEE LEE LEE LEE LEE LEE LEE LEE LEE L	D.0  Cription  STABOUT SERVE SURFACE WITH E W/BLM OF TH ES FARNSWOR  Com	0 /ICE SPUI I READY I HE SPUD (	Days Perf:  DA 20" HOLE MIX. JERRY E 08/28/08 @ 2:1	ON 08/28/9 3ARNES NO	MW  08 @ 3:00 PP  OTIFIED CA  Daily	0.0  PKR Dep  M, SET 60' OL  ROL DANIE	Visc oth: 0.0 F 14" CONDUC LS W/UDOGM	TOR.
Start 06:00  09-11-2008  DailyCosts:	: Report Tin End 06:00 B Re	me: SPUD NO Hrs Acti 24.0 CRA CEM MIC  sported By \$255,2	PBTD: 0 DTIFICATION DTIFICATION IVITY Desc MIGS ROUS MENT TO S CHAEL LEE LEE LEE LEE LEE LEE LEE LEE LEE L	D.0  Cription  STABOUT SERVE SURFACE WITH E W/BLM OF TH ES FARNSWOR  Com	0 VICE SPUI I READY I HE SPUD ( TH	Days Perf:  DA 20" HOLE MIX. JERRY E 08/28/08 @ 2:1	ON 08/28/9 3ARNES NO	MW  08 @ 3:00 PP  OTIFIED CA  Daily	0.0  PKR Dep  M, SET 60° OI  ROL DANIE	Visc oth: 0.0 F 14" CONDUC LS W/UDOGM \$255,245	TOR.
Start 06:00  09-11-2008  DailyCosts: Cum Costs:	Report Tin  End  06:00  Re Drilling  2,220	me: SPUD NO Hrs Acti 24.0 CRA CEM MIC  sported By \$255,2 \$299,3	PBTD: 0 DTIFICATIO ivity Desc AIGS ROUS MENT TO S CHAEL LEI LI 145	0.0 ON Cription STABOUT SERV SURFACE WITH E W/BLM OF TH ES FARNSWOR Com Com	0 /ICE SPUI I READY I HE SPUD ( TH apletion	Days Perf:  DA 20" HOLE MIX. JERRY E 08/28/08 @ 2:1	ON 08/28/6 BARNES NO 5 PM.	MW  08 @ 3:00 PI OTIFIED CA  Daily Well	0.0  PKR Dep  M, SET 60' OF  ROL DANIE.  Total  Total	Visc oth: 0.0 F 14" CONDUC LS W/UDOGM \$255,245 \$299,364 Visc	TOR. AND
Start 06:00  09-11-2008  Daily Costs: Cum Costs:	Report Tin End 06:00  Re Drilling 2,220	me: SPUD NO  Hrs Acti 24.0 CRA CEM MIC  Pported By \$255,2 \$299,3  TVD	PBTD: 0 DTIFICATIO ivity Desc MIGS ROUS MENT TO S CHAEL LEP LE 445 664 2,220	0.0 ON Cription STABOUT SERV SURFACE WITH E W/BLM OF TH ES FARNSWOR Com Com	0 /ICE SPUI I READY I HE SPUD ( TH apletion	Days Perf:  DA 20" HOLE MIX. JERRY E 08/28/08 @ 2:1  \$0 \$0 Days	ON 08/28/6 BARNES NO 5 PM.	MW  08 @ 3:00 PI OTIFIED CA  Daily Well	9.0  PKR Dep  M, SET 60° OI  ROL DANIE  Total  0.0	Visc oth: 0.0 F 14" CONDUC LS W/UDOGM \$255,245 \$299,364 Visc	TOR. AND

06:00 06:00

24.0 MIRU CRAIG'S AIR RIG #5 ON 9/3/2008. DRILLED 12–1/4" HOLE TO 2220' GL. ENCOUNTED WATER AT 1080'. RAN 51 JTS (2214.40') OF 9–5/8", 36.0#, J–55, LTC CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED CASING @ 2227' KB. RDMO AIR RIG

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2000 PSIG. PUMPED 171 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 400 SX (84 BBLS) OF PREMIUM CEMENT W/2 % CACL2. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX.

DISPLACED CEMENT W/168 BBLS FRESH WATER. BUMPED PLUG W/273# @ 6:57 PM, 9/7/2008. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO RETURNS.

TOP JOB # 1: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2 % CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 36 HRS 0 MINUTES. RDMO HALLIBURTON CEMENTERS.

TOP JOB # 2: MIRU HALLIBURTON CEMENTERS. MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS 20 MINUTES.

TOP JOB # 3: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO HALLIBURTON CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

MIRU GLENNS WIRELINE SERVICE. RAN IN HOLE WITH STRAIGHT HOLE SURVEY. TAGGED CEMENT AT  $2150^\circ$  G.L. PICKED UP TO  $2130^\circ$  AND TOOK SURVEY — BULLS EYE.

CONDUCTOR LEVEL RECORD: PS= 89.8 OPS= 89.9 VDS= 90.0 MS= 89.9. 9 5/8 CASING LEVEL RECORD: PS= 90.0 OPS= 90.0 VDS= 89.8 MS= 89.9.

KYLAN COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 9/5/2008 @ 06:45 PM

			00:43 PW.								
09-15-200	)8 Re	ported l	Ву ЈЕ	SSE RICHEY							
DailyCosts	s: Drilling	\$	96,025	Cor	mpletion	\$0		Daily	Total	\$96,025	
Cum Costs	s: Drilling	\$	395,389	Cor	mpletion	\$0		Well	Total	\$395,389	
MD	2,220	TVD	2,220	Progress	0	Days	0	MW	8.4	Visc	28.0
Formation	1:		<b>PBTD</b> : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity at	Report Ti	me: TES	TING BOPE								
Start	End	Hrs	Activity Desc	ription							
08:00	10:00	2.0	R/D AND MOV HRS.	/E FROM ECW	V 1110–34 S	TO CWU 814.2	27, 4.3 MIL	ES. RELEAS	ED WEST RO	OC TRUCKS A	Т 10:30
10:00	00:00	14.0	R/U AND PRE MAINTENAN		R OPERATI	ONS AND CH	IANGE OU	T POWER SV	WiVEL. (PRE	VENTATIVE	
00:00	04:00	4.0	NU BOP'S. FII	LL MUD TANK	KS, BHA &	DRILL PIPE (	ON RACKS	. RIG ON DA	Y WORK 9/1	5/2008 @ 00:	)0 HRS.
04:00	06:00	2.0	RIG UP TEST	EQUIPMENT A	AND STAR	T TESTING B	OP'S WITH	HB&C QUIC	K TEST.		
			NO ACCIDEN	TS OR INCIDE	ENTS REPO	RTED.					
			SAFETY MTG	; RIGGING UP	AND CHA	NGING SWI	VEL.				

 $\label{eq:function} \mbox{FUNCION TEST CROWN-O-MATIC.} \\ \mbox{RIG REPAIR CHANGE OUT SWIVEL.} \\$ 

FULL CREWS.

FUEL ON HAND; 5900 GAL FUEL USED 171 GALS

DailyCosts:	~ 411										
	Drilling	\$32,6	660	Con	npletion	\$0		Dai	ly Total	\$32,660	
Cum Costs:	Drilling	\$428,	,050	Con	npletion	\$0		We	ll Total	\$428,050	
MD	3,922	TVD	3,922	Progress	1,702	Days	1	MW	8.5	Visc	28.0
Formation :			<b>PBTD</b> : 0	.0		Perf:			PKR De	epth : 0.0	
Activity at I	Report Tii	me: DRILLI	NG @ 3922'								
Start I	End	Hrs Ac	tivity Desc	ription							
06:00	11:30	LII HY	NE TESTED 'DRIL 2,500	RAMS AND H	YDRIL AN 0 LOW, CA	ND CASING	G, ALL 5K E	QIUIPMENT	TO 5,000 HI	HOKE LINE AN GH AND 250 LO D CHANGE SA	OW,
11:30	12:00	0.5 IN	STALL WEA	R BUSHING.							
12:00	13:30	1.5 TR	IP IN HOLE	WITH BIT # 1	(SECURI	ТҮ ҒМНХ6	55ZM).				
13:30	14:00	0.5 INS	STALL ROTA	ATING HEAD I	RUBBER.						
14:00	14:30	0.5 TR	IP IN HOLE	WITH BIT # 1	TAG CMT	@ 2190'.					
14:30	15:00			AT COLLAR, 0 I/W 8.5, VIS 28	CEMENT,	FLOAT SHO	DE AND 10'	OF NEW FO	RMATION, W	OB 6/8K, RPM	40, GPM
15:00	15:30	0.5 SP	OT HIGH VI	S PILL FIT TE	ST, PRESS	URE WITH	WATER TO	360 PSI, EM	IW 11.4 PPG.		
15:30	16:00	0.5 SU	RVEY @ 22	20° 3/4 DEGRE	E						
16:00	00:30	8.5 DR	ILL 2230' To	O 3333' (1103')	ROP 129,	WOB 18, R	PM 50/69, 1	200 PSI, GPN	433, DIF PS	200/300, MW	3.9, VIS 30.
00:30	01:00	0.5 SU	RVEY @ 32	65' 1 DEGREE							
01:00	06:00		ILLED 3333 SS/GAIN.	' TO 3922', (58	9'), 117.8	FPH, WOB	18, TQ 1800	–2000, RPM	45/69, MW 9.0	), VIS 31, GPM	435. NO
		NO	ACCIDENT	S / INCIDENT	S, NO RIO	G REPAIRS,					
		FU	LL CREWS,								
		SA	FETY MEET	TING. # 1: ON 7	TAKING S	URVEY # 2	DRILLING	ì.			
		FU	EL ON HAN	D 4855 GLS, U	JSED 1045	GLS,					
				N-O-MATIC.							
				MIN 22 SEC.							
				- MAHOGAN			1.5.00				
		UN	IMANNED I	OGGING UNI	T 1 DAY. S	TARTED 9/	15/08.				
06:00		SPI	UD 7 7/8" HO	OLE AT 16:00 F	IRS, 9/15/0	08.					
09-17-2008	Re	ported By	JE	SSE RICHEY/J	IM SCHLI	ENKER					
DailyCosts:	Drilling	\$41,5	85	Con	pletion	\$0		Dai	ly Total	\$41,585	
Cum Costs:	Drilling	\$469,	635	Con	pletion	\$0		We	ll Total	\$469,635	
MD	5,940	TVD	5,940	Progress	2,018	Days	3	MW	8.9	Visc	33.0
Formation :			<b>PBTD</b> : 0.	Ū		Perf:			PKR De		
Activity at R		ne: DRILLIN								-	
-	End		tivity Desci	rintion							

06:00	08:00	2.0 DRILL 3922' TO 4194' (272') 136 FPH, WOB 18, RPM 50/69, 1500 PSI, GPM 430, DIF PSI 200/300, MW 8.9, VIS 30.
08:00	08:30	0.5 SURVEY @ 4115' 2 DEGREE
08:30	11:00	2.5 DRILL 4194' TO 4545' (351') 140 FPH, WOB 18, RPM 45/68, 1750 PSI, GPM 439, DIF PSI 200/300, MW 9.1, VIS 32.
11:00	11:30	0.5 SERVICE RIG
11:30	06:00	18.5 DRILL 4545' TO 5940' (1395') ROP 75, WOB 20, RPM 50 + 68, SPP 1675/1800 PSI, DIF PSI 160/250.
		MW 9.6 VIS 33 @ 5917' - 05:00.

NO ACCIDENTS OR INCIDENTS REPORTED

FULL CREWS

SAFETY MEETING

FUEL ON HAND 3492 GLS, USED 1363 GLS

CHECK CROWN-O-MATIC

FUNCTION PIPE RAMS

FORMATION; BUCK CANYON

			UNMANNED I	LOGGING UNI	T 2 DAYS	STARTED 9/	15/08.				
09-18-20	008 R	Reported 1	By JE	SSE RICHEY/J	IIM SCHLI	ENKER					
DailyCos	ts: Drilling	\$	56,755	Con	npletion	\$0		Daily	y Total	\$56,755	
Cum Cos	ts: Drilling	\$	526,391	Con	npletion	\$0		Well	Total	\$526,391	
MD	6,779	TVD	6,779	Progress	839	Days	4	MW	9.5	Visc	31.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR De <sub>l</sub>	<b>oth:</b> 0.0	
Activity a	at Report T	ime: DRI	LLING @ 6779'								
Start	End	Hrs	Activity Desc	ription							
06:00	11:00	5.0	DRILL 5940' T	O 6144' (204')	ROP 40.8,	WOB 20/21, R	PM 50+68,	SPP 1750/19	00, MW 9.9, V	VIS 36.	
11:00	11:30	0.5	SERVICE RIG	& CONDITION	MUD.						
11:30	06:00	18.5	DRILL 6144' T	O 6779' (635')	ROP 27, W	OB 18/20, RP	M 50+68, SI	PP 1950/2100	), TRQ 1900/2	2200.	
			MW 10.1+ VIS	38 @ 6730' –	05:00.						
			NO ACCIDENT	TS OR INCIDE	NTS REPO	RTED.					
			FULL CREWS.								
			SAFETY MEE	TING; SAFETY	' AWAREN	IESS & PAIN	ΓING.				
			FUEL ON HAN	ND 6167 GLS, U	JSED 1725	GLS, RECEI	VED 4,400 (	GAL 9/17/08			

SAFETY MEETING; SAFETY AWARENESS & PAINTING.
FUEL ON HAND 6167 GLS, USED 1725 GLS, RECEIVED 4,400 GAL 9/17/08.
BG GAS 60U.
CHECK CROWN-O-MATIC.
FUNCTION PIPE RAMS.
FORMATION; UPPER PRICE RIVER.
UNMANNED LOGGING UNIT 3 DAYS, STARTED 9/15/08.

09-19-20	08 Re	eported I	Ву Л	M SCHLENKE	R						
DailyCost	s: Drilling	\$:	37,622	Con	npletion	\$0		Daily	Total	\$37,622	
Cum Cost	s: Drilling	\$:	564,013	Con	npletion	\$0		Well	Total	\$564,013	
MD	7,702	TVD	7,702	Progress	923	Days	5	MW	10.2	Visc	44.0
Formation	ı:		<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	
Activity a	Report Ti	me: DRII	LLING @ 7702'								
Start	End	Hrs	Activity Desc	cription							

06:00	12:30	6.5 DRILL 6779' TO 7051' (272') ROP 42, WOB 18/21, RPM 50+68, TRQ 1700/2200, MW 10.3, VIS 44
12:30	13:00	0.5 SERVICE RIG
13:00	06;00	17.0 DRILL 7051' TO 7702 '(651') ROP 38, WOB 19/20.5, RPM 50+68,TRQ 2000/2500, MW 11.2, VIS 39, SPP 21/2200, DIF PSI 160/250.
		P/U 160, ROT 145, S/O 138.
		NO ACCIDENTS OR INCIDENTS REPORTED.
		FULL CREWS.
		SAFETY MEETING; CLEANLINESS.
		FUEL ON HAND 4906 GLS, USED 1261 GLS.
		BG GAS 100U, CONN 300U.
		CHECK CROWN-O-MATIC.
		FORMATION; MIDDLE PRICE RIVER.
		UNMANNED LOGGING UNIT 4 DAYS, STARTED 9/15/08.

Formation:	PBT	<b>D</b> : 0.0	Perf:			PKR Dep	th: 0.0	
<b>MD</b> 7,924	<b>TVD</b> 7,9	Progress 222	Days	6	MW	11.1	Visc	42.0
Cum Costs: Drillin	ng \$597,154	Completion	\$0		Well	Total	\$597,154	
DailyCosts: Drillin	ng \$33,140	Completion	\$0		Daily	Total	\$33,140	
09-20-2008	Reported By	JIM SCHLENKER						

Activity at Report Time: TIH W/NEW BIT

	- I -		
Start	End	Hrs	Activity Description
06:00	14:00	8.0	DRILL 7702' TO 7913' (211') ROP 26.4, WOB 20/22, RPM 50+68, TRQ 13/2500, MW 11.1, VIS 41, SPP 2100/2300.
14:00	14:30	0.5	SERVICE RIG & CONDITION MUD, BG GAS 1500 TO 1900 U, GAS SHOW @ 7825' – 5500 U.
14:30	15:30	1.0	DRILL 7913' TO 7924' (11') ROP 11, WOB 14/18, RPM 40/55+68, SPP 2150/2350, GPM 432, TRQ 1850/2300, DIF PSI 100/250.
15:30	16:00	0.5	CONDITIOND MUD TO MW 11.3 & PUMP 12# 100 BBL PILL, (EMW 11.4).
16:00	22:30	6.5	TOOH BIT #1.
22:30	23:00	0.5	REMOVE ROTATING HEAD RUBBER.
23:00	01:00	2.0	TOOH BHA, REAMERS & 2 DC BALLED UP, BIT IN GOOD CONDITION.
01:00	04:30	3.5	TIH NEW BIT, MM & SLICK BHA W/O REAMERS, INSTALL ROTATING HEAD RUBBER & CONTINUE TIH TO SHOE.
04:30	05:00	0.5	SLIP & CUT DRILL LINE - 90'
05:00	06:00	1.0	TIH TO BOTTOM
			@7924', ROT 152, UP 165, DOWN 134
			NO ACCIDENTS OR INCIDENTS REPORTED.
			FULL CREWS.
			SAFETY MEETING; TRIPPING.
			FUEL ON HAND 3996 GLS, USED 910 GLS.
			BG GAS 1500 U FROM 7820', GAS SHOW @ 7823' – 5500 U.
			CHECK CROWN-O-MATIC.

09-21-2008 Reported By JIM SCHLENKER

DailyCosts: Drilling\$59,889Completion\$0Daily Total\$59,889

UNMANNED LOGGING UNIT 5 DAYS, STARTED 9/15/08.

FORMATION; MIDDLE PRICE RIVER.

Cum Cos	ts: Drilling	\$657,044	Coi	npletion	\$0		Well	Total	\$657,044	
MD	8,625	<b>TVD</b> 8,625	Progress	701	Days	7	MW	11.3	Visc	44.0
Formatio	n:	PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: DRILLING @ 8625	5'							
Start	End	Hrs Activity Des	scription							
06:00	10:00	4.0 TIH BIT#2, W	/ASH & REAM I	FROM 7720	)' TO 7924'.					
10:00	10:30	0.5 CIRCULATE	OUT GAS.							
10:30	13:30	3.0 DRILL 7924'	TO 8029' (105')	ROP 35, W	OB 16/20, F	PM 45+68, SI	PP 1900/230	0, MW 11.5, V	'IS 44,	
		TRQ 1800/25	00.							
13:30	14:00	0.5 SERVICE RIG	<b>3</b> .							
14:00	06:00	16.0 DRILL 8029'	TO 8625' (596')	ROP 37, W	OB 11/18, F	XPM 50+68, SI	PP 2275, MV	V 11.5, VIS 42	, TRQ 2500.	
		ROT 157, UP	170, DOWN 147							
		NO ACCIDE	NTS OR INCIDE	NTS REPO	RTED.					
		FULL CREW	S.							
		SAFETY ME	ETING; MIXING	G CHEMIC	ALS.					
		FUEL ON HA	AND 6277 GLS, 1	USED 1535	GLS, RECI	EIVED 4300 C	AL 9/20/08.			
		BG GAS 115	U, CONN 200/30	00 U.						
		CHECK CRO	WN-O-MATIC.							
		FORMATION	i; SEGO.							
		UNMANNEL	LOGGING UN	IT 6 DAYS,	STARTED	9/15/08.		· 		
09-22-20	008 Re	eported By	IIM SCHLENKE	R						
DailyCost	ts: Drilling	\$35,952	Con	mpletion	\$0		Dail	y Total	\$35,952	
Cum Cos	ts: Drilling	\$692,997	Coi	npletion	\$0		Well	Total	\$692,997	
MD	8,730	<b>TVD</b> 8,730	Progress	105	Days	8	MW	11.5	Visc	41.0
Formatio	n:	PBTD:	0.0		Perf:			PKR De	oth: 0.0	
Activity a	t Report Ti	me: RUNNING PROD	CSG							
Start	End	Hrs Activity Des	scription							
06:00	11:30	5.5 DRILL 8625'	TO 8730' (105')	ROP 19, W	OB 15/18, F	RPM 50+68, TI	RQ 2200/240	00, MW 11.5, Y	VIS 41,	
		ROT 160, UP	175, DN 150 @	8709', BG	GAS 85/120	U, CONN 614	U. REACH	ED TD AT 11:	30 HRS, ON 9	/21/2008.
11:30	12:30	1.0 WIPER/SHO	RT TRIP.							
		ADVISED BI	LM – PRODUCT	ION CASI	NG VIA E-1	MAIL.				
12:30	14:00	1.5 CIRCULATE	BOTTOMS UP,	PUMP 12.5	WT PILL -	- 150BBLS, EI	MW 11.7, D	ROP SURVEY	<i>Т</i> .	
14:00	21:00	7.0 TOOH, NO F	LOW, PULL RO	IATING RU	JBBER, LD	BHA, RETRI	EVE SURVE	EY – 3 DEGRI	EES.	
21:00	21:30	0.5 PULL WEAR	BUSHING, INS	TALL CUS	HION SUB	FOR RUNNII	NG CASING	i.		
21:30	22:30	1.0 MU FLOAT S LOCK.	SHOE, INSTALL	CENTRAI	JZER ON J	T#1, MAKE U	JP FLOAT C	OLLAR & JT	#2, ALL WIT	H THREAD
22:30	06:00	7.5 SAFETY ME @ 06:00.	ETING WITH C.	ALIBER AI	ND ALL RIG	3 PERSONNE	L, RUNNIN	G 4.5" N-80,	11.6# CASINO	G, @ 6000°
		NO ACCIDE	NTS OR INCIDE	NTS REPO	RTED.					
		FULL CREW	S.							
		SAFETY ME	ETING; RUNNII	NG CASIN	G.					
		FUEL ON HA	AND 6490 GLS.							

CHECK CROWN-O-MATIC.

FORMATION; SEGO.

UNMANNED LOGGING UNIT 7 DAYS, STARTED 9/15/08, END 9/21/2008.

09-23-20	008 Re	ported By		M SCHLENKER	_	,					
DailyCost	ts: Drilling	\$20,74	42	Com	pletion	\$181,332		Dail	y Total	\$202,074	
•	ts: Drilling	\$713,7	739		pletion	\$181,332			Total	\$895,072	
MD	8,730	TVD	8,730	Progress	0	Days	9	MW	0.0	Visc	0.0
Formatio	n:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: RDRT/W	O COMPLE	ETION							
Start	End	Hrs Act	tivity Desc	ription							
06:00	10:00	N-8 868 91 J 561: HAI FM	80 LTC CAS 1.47' (TOP) 'TS CSG, IN 3' FOR A T RD BOTTO C ON SITE	UNNING CASING AS FOLLC , 61 JNT'S CAS NSTALL BOW S OTAL OF #25. 1 M @ 8730' MA: TO SUPERVISI CASING VOLUN	OWS: FLC ING, 1 M. PRING C THREAD KE UP FL E. R/D CA	OAT SHOE LAND ARKER JT @ 60 ENTRALIZER 5 LOCK SHOE, 18 JUTED MANDR SING TONGS.	DED @ 8 004' – 602 '' ABOVE ST JT, FL	728.7', 1 JN 6', 46 JT'S SHOE, TOP OAT COLLA	T CASING, F. CASING, MA OF 2nd JT. 7 JR & 2ND JT,	LOAT COLLAI RKER JT 3969 THEN EVERY 3 STRING WT 9	R @ ' – 3989' , BRD. JT. TO 1K. TAG
10:00	13:30	BBI BBI .3% 10.9 (AN (330 AVC WIT	LS CHEMIC LS) W/ 5% I D013 (RET 048 GPS H2 UTIFOAM), 0.8 BBLS C G MIX ANE TH 3300 PS	TING W/ SCHL' CAL WASH ANI D020 (EXTEND FARDER), .2% I O. MIXED ANI .2% D167 (FLU MT), DROPPED D DISPLACEME I, BLED OFF P VASH & 20 BBI	D 20 BBL DER), 2% I DO65 (DIS D PUMPE DID LOSS) D TOP BL ENT RATE RESSURE	S WATER SPAC D174 (EXPANDI PERSANT), .12: D TAIL 1440 SK , .2% D065 (DIS JG, DISPLACE 5:5.7 BPM. FINA B, 1 BBL FLOW	ER, MIXE NG CE), 5 lb/sk D1 S 50:50 H PERSAN D TO FLO L PUMP BACK, F	ED AND PUT .75% D112 ( 30 (LOST C POZ G W/2 <sup>c</sup> T) (YIELD 1 DAT COLLA PRESSURE LOATS HEL	MPED 375 SK FLUID LOSS IRC) (YIELD % D020 (EXT 29) AT 14.1 I .R WITH 134 3000 PSI, BU	S 35:65 POZ G ), .2% DO46 (A 1.98) AT 12.5 P ENDER), .1% I PPG WITH 5.98 BBL OF FRESI MPED PLUG (	, (132.2 NTIFOAM), PG WITH 0046 5 GPS H2O H WATER, ② 13:04
13:30	14:00		TALL PACI PLE DN BO	KOFF IN WELL OP	HEAD A	ND TEST TO 50	00 PSI W	/ FMC PRES	ENT, FINISH	CLEANING T	ANKS,
		FUI SAF FUE CHI	LL CREWS FETY MEE EL ON HAN ECK CROW	TS OR INCIDEN  TING; RIG MOV  ND 6231 GLS, U  TN-O-MATIC.  LOGGING UNIT	VE W/ WE	ST ROC TRUCI GAL (6,231 GAI	L TO BE			1126–29).	
14:00				@ 14:00 HRS, 9				-			
10-02-20	08 Re	ported By	SE	EARLE							
DailyCost	ts: Drilling	\$0		Com	pletion	\$43,626		Dail	y Total	\$43,626	
Cum Cost	ts: Drilling	\$713,7	739	Com	pletion	\$224,958		Well	Total	\$938,698	
MD	8,730	TVD	8,730	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation	n:		<b>PBTD</b> : 8	681.0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Tii	me: PREP FO	R FRACS								

<b>Start</b> 06:00	<b>End</b> 06:00	24.0 N	Activity Desc MIRU SCHLUI CHLUMBERO	MBERGER. LO	G WITH R	ST/CBL/CCL/V	'DL/GR F	ROM PBTD T	O 50'. EST	CEMENT TOP	@ 570°. RD
10-19-200	)8 Re	ported By		EARLE							
DailyCosts		\$0		Con	npletion	\$1,723		Daily	Total	\$1,723	
Cum Costs	•		3,739		npletion	\$226,681		Well 7		\$940,421	
MD	8,730	TVD	8,730	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation	•	1,2	<b>PBTD</b> : 8	•		Perf:			PKR De	pth: 0.0	
		me: WO C	OMPLETION						•		
Start	End		activity Desc	ription							
06:00	06:00		•	-	URE TEST	ED FRAC TREI	E & CASI	NG TO 6500 I	esig. wo c	OMPLETION.	
10-22-200	)8 R	eported By	, W	HITEHEAD							
DailyCosts	s: Drilling	\$0		Con	npletion	\$9,176		Daily	Total	\$9,176	
Cum Cost	_	\$71	3,739	Con	npletion	\$235,857		Well T	<b>Total</b>	\$949,597	
MD	8,730	TVD	8,730	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE	<b>PBTD</b> : 8	-		Perf: 8074'-	-8435'		PKR De	<b>pth</b> : 0.0	
Activity at	Report Ti	me: FRAC	MESAVERDE	3							
		V N	VF116 LINEA ATP 6006 PSI	R PREPAD, 209 G. MTR 51 BPN	97 GAL YF 1. ATP 454	RGER, FRAC DO F116ST+ PAD, 3 1 PSIG. ATR 47. L PROBLEMS V	6784 GA .8 BPM. I	L YF116ST+ SIP 2800 PSIG	W/ 120600 # 6. RD SCHL	# 20/40 SAND @ UMBERGER. J	) .5–5 PPG
10-23-200	)8 R	eported By	y W	HITEHEAD							
DailyCost	s: Drilling	\$0		Cor	npletion	\$277,084		Daily	Total	\$277,084	
Cum Cost	s: Drilling	\$71	3,739	Cor	npletion	\$512,941		Well 7	<b>Total</b>	\$1,226,681	
MD	8,730	TVD	8,730	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE	<b>PBTD</b> : 8	681.0		Perf: 6478'-	-8435'		PKR De	<b>pth:</b> 0.0	
Activity at	Report Ti	me: WAIT	FOR SERVIC	E RIG TO DRII	LL PLUGS						
Start	End	Hrs A	Activity Desc	ription							
06:00	06:00	7 S Y	889'-90', 791 CHLUMBER 'F116ST+ W	9'–20', 7943'–4 GER, FRAC DO	44', 7950'- DWN CASI SAND @	ATE MPR FROM -51', 7975'–76', NG W/ 165 GAI .5–4 PPG. MTP	7985'–86 L GYPTR	5', 8004'–05' @ ON T–106, 41	🤋 3 SPF @ 1 74 GAL YF	20° PHASING. 7120ST+ PAD, 2	RDWL. R 6875 GAL
		7 S	603'–04', 762 CHLUMBER	6'–27', 7631'–3 GER, FRAC DO	32', 7647'- DWN CASI	ATE MPR FROM -48', 7652'-53', NG W/ 165 GAI ) .5-5 PPG. MTF	7693'–94 L GYPTR	i', 7717'–18' @ ON T–106, 41	0 3 SPF @ 1 72 GAL YF	20° PHASING. 120 ST+ PAD, 4	RDWL. RI 2813 GAL

ISIP 2500 PSIG. LOST TWO PUMPS COULD ONLY MAINTAIN 45 BPM, JOB COMPLETE. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 7495'. PERFORATE MPR FROM 7329'-30', 7336'-37', 7353'-54', 7362'-63', 7378'-79', 7389'-90', 7420'-21', 7441'-42', 7451'-52', 7460'-61', 7469'-70', 7478'-79' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 3072 GAL YF116ST+ PAD, 43123 GAL YF116ST+ W/ 146500 # 20/40 SAND @ .5-5 PPG. MTP 5668 PSIG. MTR 50.8 BPM. ATP 4256 PSIG. ATR 47.3 BPM. ISIP 2900 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 7270'. PERFORATE UPR FROM 7062'-63', 7071'-72', 7081'-82', 7090'-91', 7118'-19', 7149'-50', 7171'-72', 7199'-00', 7215'-16', 7224'-25', 7233'-34', 7253'-54' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 2073 GAL YF116ST+ PAD, 43188 GAL YF116ST+ W/ 146300 # 20/40 SAND @ .5-5 PPG. MTP 5699 PSIG. MTR 51.4 BPM. ATP 3734 PSIG. ATR 47.9 BPM. ISIP 2100 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 6970'. PERFORATE UPR FROM 6786'-87', 6790'-91', 6797'-98', 6814'-15', 6819'-20', 6838'-39', 6861'-62', 6893'-94', 6943'-44', 6944'-45', 6945'-46', 6953'-54' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 2072 GAL YF116ST+ PAD, 38865 GAL YF116ST+ W/ 129000 # 20/40 SAND @ .5-5 PPG. MTP 5154 PSIG. MTR 50.4 BPM. ATP 3552 PSIG. ATR 47.1 BPM. ISIP 2100 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 6760'. PERFORATE UPR FROM 6478'-79', 6571'-72', 6576'-77', 6596'-97', 6611'-12', 6617'-18', 6653'-54', 6677'-78', 6699'-00', 6728'-29', 6732'-33', 6746'-47' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 2083 GAL YF116ST+ PAD 48269 GAL YF116ST+ W/ 141941 # 20/40 SAND @ .5-5 PPG. MTP 5053 PSIG. MTR 50.8 BPM. ATP 3620 PSIG. ATR 47.3 BPM. ISIP 2350 PSIG. RDMO. SCHLUMBERGER.

#### RUWL. SET 6K CBP AT 6385'. RDMO WIRELINE.

10-24-2008	B R	eported By	Н	AL IVIE							
DailyCosts:	Drilling	\$0		Cor	npletion	\$28,311		Daily	Total	\$28,311	
Cum Costs:	Drilling	\$71	3,739	Cor	npletion	\$541,252		Well 7	<b>Fotal</b>	\$1,254,992	
MD	8,730	TVD	8,730	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation :	: MESAVE	RDE	<b>PBTD</b> : 8	3681.0		Perf: 6478'-	-8435'		PKR De	<b>pth</b> : 0.0	
Activity at l	Report Ti	me: CLEAN	OUT AFTE	R FRAC							
Start 1	End	Hrs A	ctivity Desc	ription							
06:00	06:00	24.0 M	IIRUSU. ND	FRAC TREE. N	U BOP. RI	H W/ BIT & PU	MP OFF	SUB TO 6385	'. RU TO DE	RILL OUT PLUC	GS. SDFN
10-25-2008	3 R	eported By	Н	AL IVIE							
DailyCosts:	Drilling	\$0		Cor	npletion	\$47,748		Daily	Total	\$47,748	
Cum Costs:	Drilling	\$71	3,739	Cor	npletion	\$589,000		Well 7	<b>Fotal</b>	\$1,302,740	
MD	8,730	TVD	8,730	Progress	0	Days	15	MW	0.0	Visc	0.0
Formation :	MESAVE	RDE	PBTD: 8	3681.0		Perf: 6478'-	-8435'		PKR De	<b>pth:</b> 0.0	
Activity at I	Report Ti	me: RDMO	SU, FLOW T	EST				•			
Start 1	End	Hrs A	ctivity Desc	cription							
06:00	06:00	C.		T TO PBTD @		ED OUT PLUG IDED TBG AT 6	_				
			LOWED 15 H LWTR.	IRS. 24/64 CHO	KE. FTP-	1500 PSIG, CP	– 1750 Р	SIG. 87 BFPF	I. RECOVE	RED 1305 BBL	S, 6905

TUBING DETAIL LENGTH

PUMP OFF SUB 1.00'

1 JT 2-3/8 4.7# L-80 TBG 33.03'

XN NIPPLE 1.10'

210 JTS 2-3/8 4.7# L-80 TBG 6935.09'

BELOW KB 13.00'

LANDED @ 6983.22' KB

10-26-2008 Re	eported By	H	AL IVIE							
DailyCosts: Drilling	\$0		Con	npletion	\$2,685		Daily	y Total	\$2,685	
Cum Costs: Drilling	\$713,	739	Con	npletion	\$591,685		Well	Total	\$1,305,425	
<b>MD</b> 8,730	TVD	8,730	Progress	0	Days	16	MW	0.0	Visc	0.0
Formation : MESAVE	RDE	<b>PBTD</b> : 8	681.0		Perf: 6478'-	8435'		PKR Dep	oth: 0.0	
Activity at Report Ti	me: FLOW T	EST								
Start End	Hrs Act	tivity Desc	ription							
06:00 06:00		OWED 24 H WTR.	IRS. 24/64 CHO	KE. FTP-	1750 PSIG, CP	-2000 P	SIG. 48 BFP	PH. RECOVE	RED 1147 BBLS	5, 5758
0-27-2008 Re	eported By	H	AL IVIE							
DailyCosts: Drilling	\$0		Con	npletion	\$2,685		Daily	y Total	\$2,685	
Cum Costs: Drilling	\$713,	739	Con	npletion	\$594,370		Well	Total	\$1,308,110	
MD 8,730	TVD	8,730	Progress	0	Days	17	MW	0.0	Visc	0.0
Formation : MESAVE	RDE	<b>PBTD</b> : 8	8681.0		Perf: 6478'-	8435'		PKR Dep	oth: 0.0	
Activity at Report Ti	me: FLOW T	EST								
Start End	Hrs Act	tivity Desc	ription							
Start End 06:00 06:00		•	•	OKE. FTP	1450 PSIG. CP 2	150 PSIC	6. 57 BFPH. F	RECOVERED	1367 BLW. 439	1 BLWTI
06:00 06:00		OWED 24 H	•	OKE. FTP	1450 PSIG. CP 2	150 PSIC	3. 57 BFPH. F	RECOVERED	1367 BLW. 439	1 BLWTI
06:00 06:00 0-28-2008 Ro	24.0 FLC	OWED 24 H	IRS. 24/64" CHO AL IVIE	OKE. FTP	1450 PSIG. CP 2 \$2,685	150 PSIC		RECOVERED y Total	1367 BLW. 439 \$2,685	1 BLWT
06:00 06:00 0-28-2008 Ro DailyCosts: Drilling	24.0 FLO	OWED 24 H	IRS. 24/64" CHO AL IVIE			150 PSIC	Daily			1 BLWTI
06:00 06:00  0-28-2008 Ro  pailyCosts: Drilling  Cum Costs: Drilling	24.0 FLO eported By \$0	OWED 24 H	IRS. 24/64" CHO AL IVIE	npletion	\$2,685	150 PSIC	Daily	y Total	\$2,685	0.0
06:00 06:00  0-28-2008 Ro  pailyCosts: Drilling Cum Costs: Drilling AD 8,730	24.0 FLC eported By \$0 \$713,7	DWED 24 H H.	IRS. 24/64" CHO AL IVIE Con Con Progress	npletion npletion	\$2,685 \$597,055	18	Daily Well	y Total Total	\$2,685 \$1,310,795 <b>Visc</b>	
06:00 06:00  10-28-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 8,730  Formation: MESAVE	24.0 FLC eported By \$0 \$713,  TVD	OWED 24 H H. 739 8,730 PBTD: 8	IRS. 24/64" CHO AL IVIE Con Con Progress	npletion npletion	\$2,685 \$597,055 <b>Days</b>	18	Daily Well	y Total Total	\$2,685 \$1,310,795 <b>Visc</b>	
06:00 06:00  0-28-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 8,730  Formation: MESAVE Activity at Report Ti	24.0 FLO  Eported By  \$0  \$713,7  TVD  RDE  me: FLOW TO	OWED 24 H H. 739 8,730 PBTD: 8	AL IVIE  Con Progress 6681.0	npletion npletion	\$2,685 \$597,055 <b>Days</b>	18	Daily Well	y Total Total	\$2,685 \$1,310,795 <b>Visc</b>	
06:00 06:00  0-28-2008 Ro DailyCosts: Drilling Cum Costs: Drilling AD 8,730  Formation: MESAVE Activity at Report Ti	24.0 FLO  sported By  \$0  \$713,  TVD  RDE  me: FLOW THE	PBTD: 8 EST	IRS. 24/64" CHO AL IVIE  Con Progress 6681.0	npletion npletion 0	\$2,685 \$597,055 <b>Days</b> <b>Perf</b> : 6478'-	18 -8435°	Daily Well MW	y Total Total 0.0 PKR Dep	\$2,685 \$1,310,795 <b>Visc</b>	0.0
06:00 06:00  10-28-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 8,730  Formation: MESAVE Activity at Report Ties Start End 06:00 06:00	24.0 FLO  sported By  \$0  \$713,  TVD  RDE  me: FLOW THE	NWED 24 H  H.  739  8,730  PBTD: 8  EST  tivity Desc	IRS. 24/64" CHO AL IVIE  Con Progress 6681.0	npletion npletion 0	\$2,685 \$597,055 <b>Days</b> <b>Perf</b> : 6478'-	18 -8435°	Daily Well MW	y Total Total 0.0 PKR Dep	\$2,685 \$1,310,795 <b>Visc</b> <b>pth:</b> 0.0	0.0
06:00 06:00  10-28-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 8,730  Formation: MESAVE Activity at Report Ti Start End 06:00 06:00  10-29-2008 Ro	24.0 FLC eported By \$0 \$713,7  TVD  RDE me: FLOW THE Hrs Act 24.0 FLC	NWED 24 H  H.  739  8,730  PBTD: 8  EST  tivity Desc	Con Progress 6681.0 eription IRS. 24/64" CHG	npletion npletion 0	\$2,685 \$597,055 <b>Days</b> <b>Perf</b> : 6478'-	18 -8435°	Daily Well MW 6. 47 BFPH. F	y Total Total 0.0 PKR Dep	\$2,685 \$1,310,795 <b>Visc</b> <b>pth:</b> 0.0	0.0
06:00 06:00  10-28-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 8,730 Formation: MESAVE Activity at Report Ti Start End 06:00 06:00  10-29-2008 Ro DailyCosts: Drilling	24.0 FLC eported By \$0 \$713,  TVD  RDE me: FLOW TH  Hrs Act 24.0 FLC eported By	NWED 24 H  H.  739  8,730  PBTD: 8  EST  tivity Desc  DWED 24 H  H.	Con Progress 6881.0  Pription  IRS. 24/64" CHO  AL IVIE  Con  Con  Con  Con  Con  Con  Con  Co	mpletion  0  OKE. FTP	\$2,685 \$597,055 <b>Days</b> <b>Perf:</b> 6478'-	18 -8435°	Daily Well MW 5. 47 BFPH. F	y Total Total 0.0 PKR Dep	\$2,685 \$1,310,795 <b>Visc</b> <b>pth:</b> 0.0	0.0
06:00 06:00  0-28-2008 Ro DailyCosts: Drilling Cum Costs: Drilling AD 8,730  Formation : MESAVE Activity at Report Ti Start End 06:00 06:00  0-29-2008 Ro DailyCosts: Drilling Cum Costs: Drilling	24.0 FLC eported By \$0 \$713,7  TVD  RDE me: FLOW THE 4.0 FLC eported By \$0	NWED 24 H  H.  739  8,730  PBTD: 8  EST  tivity Desc  DWED 24 H  H.	Con Progress 6881.0  Pription  IRS. 24/64" CHO  AL IVIE  Con  Con  Con  Con  Con  Con  Con  Co	npletion  0  OKE. FTP	\$2,685 \$597,055 <b>Days</b> <b>Perf:</b> 6478'-	18 -8435°	Daily Well MW 5. 47 BFPH. F	y Total Total 0.0 PKR Dep	\$2,685 \$1,310,795 <b>Visc</b> <b>pth:</b> 0.0	0.0
06:00 06:00  0-28-2008 Ro DailyCosts: Drilling AD 8,730  Formation: MESAVE Activity at Report Tile Start End 06:00 06:00  0-29-2008 Ro DailyCosts: Drilling Cum Costs: Drilling	24.0 FLC eported By \$0 \$713,'  TVD RDE me: FLOW THE 4.0 FLC eported By \$0 \$713,'  TVD	24 H  H.  739  8,730  PBTD: 8  EST  tivity Desc  DWED 24 H  H.	Con Progress 681.0  Con IRS. 24/64" CHO AL IVIE  Con Con Progress Con Con Con Con Progress	npletion  0  OKE. FTP  npletion npletion	\$2,685 \$597,055 <b>Days</b> <b>Perf:</b> 6478'- 1300 PSIG. CP 1 \$2,685 \$599,740	18 8435' 900 PSIC	Daily Well MW 5. 47 BFPH. F Daily Well	y Total  Total  0.0  PKR Dep  RECOVERED  y Total  Total	\$2,685 \$1,310,795 <b>Visc</b> <b>pth</b> : 0.0 1128 BLW. 326 \$2,685 \$1,313,480 <b>Visc</b>	0.0 3 BLWTI
06:00 06:00  10-28-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 8,730  Formation: MESAVE Activity at Report Til Start End 06:00 06:00  10-29-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 8,730  Formation: MESAVE	24.0 FLC  eported By \$0 \$713,  TVD  RDE me: FLOW TI  Hrs Act 24.0 FLC  eported By \$0 \$713,  TVD	DWED 24 H  H.  739  8,730  PBTD: 8  EST  tivity Desc  DWED 24 H  H.  739  8,730  PBTD: 8	Con Progress 681.0  Con IRS. 24/64" CHO AL IVIE  Con Con Progress Con Con Con Con Progress	npletion  0  OKE. FTP  npletion npletion	\$2,685 \$597,055 <b>Days</b> <b>Perf:</b> 6478'- 1300 PSIG. CP 1 \$2,685 \$599,740 <b>Days</b>	18 8435' 900 PSIC	Daily Well MW 5. 47 BFPH. F Daily Well	y Total  Total  0.0  PKR Dep  RECOVERED  y Total  Total  0.0	\$2,685 \$1,310,795 <b>Visc</b> <b>pth</b> : 0.0 1128 BLW. 326 \$2,685 \$1,313,480 <b>Visc</b>	0.0 3 BLWTI
06:00 06:00  10-28-2008 Ro DailyCosts: Drilling Cum Costs: Drilling MD 8,730  Formation: MESAVE Activity at Report Ti Start End 06:00 06:00  10-29-2008 Ro DailyCosts: Drilling Cum Costs: Drilling	24.0 FLO  Eported By  \$0  \$713,7  TVD  RDE  me: FLOW THE  24.0 FLO  Eported By  \$0  \$713,7  TVD  RDE  RDE  RDE  me: FLOW THE  ### ### ### ### ### ### ### ### ### #	DWED 24 H  H.  739  8,730  PBTD: 8  EST  tivity Desc  DWED 24 H  H.  739  8,730  PBTD: 8	Con Progress 681.0  Con IRS. 24/64" CHO AL IVIE  Cription IRS. 24/64" CHO AL IVIE  Con Progress 681.0	npletion  0  OKE. FTP  npletion npletion	\$2,685 \$597,055 <b>Days</b> <b>Perf:</b> 6478'- 1300 PSIG. CP 1 \$2,685 \$599,740 <b>Days</b>	18 8435' 900 PSIC	Daily Well MW 5. 47 BFPH. F Daily Well	y Total  Total  0.0  PKR Dep  RECOVERED  y Total  Total  0.0	\$2,685 \$1,310,795 <b>Visc</b> <b>pth</b> : 0.0 1128 BLW. 326 \$2,685 \$1,313,480 <b>Visc</b>	0.0 3 BLWTI

DailyCosts: Drilling	\$0		Con	mpletion	\$2,685		Dail	y Total	\$2,685	
<b>Cum Costs: Drilling</b>	\$713	,739	Coi	mpletion	\$602,425		Well	Total	\$1,316,165	
<b>MD</b> 8,730	TVD	8,730	Progress	0	Days	20	MW	0.0	Visc	0.0
Formation : MESAVI	ERDE	<b>PBTD</b> : 8	3681.0		<b>Perf:</b> 6478'-	-8435'		PKR De	<b>pth:</b> 0.0	
Activity at Report T	me: FLOW 7	ΓEST								
Start End	Hrs Ac	ctivity Desc	cription							
06:00 06:00	24.0 FL	OWED 24 H	IRS. 24/64" CH	OKE. FTP	1100 PSIG. CP 1	550 PSIC	6. 37 BFPH. I	RECOVERED	91 BLW. 1362	BLWT
10-31-2008 R	eported By	Н	AL IVIE							
DailyCosts: Drilling	\$0		Cor	npletion	\$2,685		Daily	y Total	\$2,685	
Cum Costs: Drilling	\$713	,739	Cor	npletion	\$605,110		Well	Total	\$1,318,850	
<b>MD</b> 8,730	TVD	8,730	Progress	0	Days	21	MW	0.0	Visc	0.0
Formation : MESAVI	RDE	<b>PBTD</b> : 8	681.0		Perf: 6478'-	-8435'		PKR De	<b>pth:</b> 0.0	
Activity at Report T	me: FLOW 7	rest								
Start End	Hrs Ac	ctivity Desc	ription							
06:00 06:00	24.0 FL	OWED 24 F	IRS. 24/64" CH	OKE. FTP	1050 PSIG. CP 1	400 PSIC	6. 27 BFPH. I	RECOVERED	650 BLW. 712 I	BLWTR
1-01-2008 R	eported By	Н	AL IVIE							
DailyCosts: Drilling	\$0		Cor	npletion	\$2,565		Daily	<b>Total</b>	\$2,565	
Cum Costs: Drilling	\$713	,739	Cor	npletion	\$607,675		Well	Total	\$1,321,415	
MD 8,730	TVD	8,730	Progress	0	Days	22	MW	0.0	Visc	0.0
Formation : MESAVI	ERDE	PBTD: 8	681.0		Perf: 6478'	-8435'		PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: FLOW T	TEST								
Start End	Hrs Ac	ctivity Desc	ription							
06:00 06:00			RS. 24/64 CHC F/ 7 HRS TO BU			- 1450 P	SIG. 21 BFF	H. RECOVE	ERED 358 BBLS,	, 354
1-02-2008 R	eported By	Н	AL IVIE							
DailyCosts: Drilling	\$0		Cor	npletion	\$2,565		Daily	<b>Total</b>	\$2,565	
Cum Costs: Drilling	\$713	,739	Cor	npletion	\$610,240		Well	Total	\$1,323,980	
<b>MD</b> 8,730	TVD	8,730	Progress	0	Days	23	MW	0.0	Visc	0.0
	RDE	<b>PBTD</b> : 8	681.0		Perf: 6478'-	-8435'		PKR De	<b>pth:</b> 0.0	
cormation: MESAVI	me: WO FAC	CILITIES								
	me. wo 1230									
Activity at Report Ti		tivity Desc	ription							
Activity at Report T	Hrs Ac		=			– 1450 P	SIG. 14 BFP	H. RECOVE	ERED 338 BBLS,	, 16
Activity at Report Ti Start End	Hrs Ac 24.0 FL BL	OWED 24 H WTR. SWI	RS. 24/64 CHC	-08, WO FA		- 1450 P	SIG. 14 BFP	H. RECOVE	ERED 338 BBLS,	, 16
06:00 06:00	Hrs Ac 24.0 FL BL	OWED 24 H OWTR. SWI	RS. 24/64 CHC @ 6 AM, 11–2-	-08, WO FA		- 1450 P	SIG. 14 BFP	H. RECOVE	ERED 338 BBLS,	, 16

11-13-2008	Re	eported	l By	DUAN	E COOK							
DailyCosts:	Drilling		\$0		Con	npletion	\$0		Daily 7	<b>Fotal</b>	\$0	
Cum Costs:	Drilling		\$713,739		Con	npletion	\$610,240		Well T	otal	\$1,323,980	
MD	8,730	TVD	8,73	0 Pr	ogress	0	Days	24	MW	0.0	Visc	0.0
Formation:	MESAVE	RDE	PBTD	: 8681.0	)		Perf: 6478'-	8435'		PKR Dep	oth: 0.0	
A selection of D	anant Ti	mae TNI	TTLL DDODL	CTION								

Start	End	Hrs	Activity Desc	ription							
06:00	06:00					GAS SALES. SI NG 1338 MCFD					
11-14-20	008 R	eported E	By RO	OGER DART							
DailyCost	ts: Drilling	\$0	)	Cor	npletion	\$0		Daily	Total	\$0	
Cum Cos	ts: Drilling	\$7	713,739	Cor	npletion	\$610,240		Well 7	otal	\$1,323,980	
MD	8,730	TVD	8,730	Progress	0	Days	25	MW	0.0	Visc	0.0
Formatio	n: MESAVE	ERDE	<b>PBTD</b> : 8	681.0		Perf: 6478'-	8435'		PKR De	oth: 0.0	
Activity a	ıt Report Ti	me: ON S	SALES								
Start	End	Hrs	Activity Desc	ription							
06:00	06:00	24.0	FLOWED 276 I	MCF 0 BC & 0	BW IN 24	HRS ON 12/64"	CHOKE	TP 1950 PSIG	G. CP 2350 F	SIG.	

Form 3160-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AN	LOG

	WELL (	COMPL	ETION C	K KE	CON	PLEIN	ON KI	EPURI	ANDL	LOG			JTU0344A		
la. Type of	f Well   Graph of Completion	Oil Well	☑ Gas Tew Well	Well Wo	Dr rk Over	-	Other eepen	☐ Plu	g Back	☐ Diff.	Resvr.	6. If	Indian, Al	lottee o	r Tribe Name
o. Type o.		Oth			TR OVE			J 114	, ,				nit or CA A		ent Name and No.
2. Name of EOG R	Operator ESOURCE	S, INC.	Е	-Mail: n	nary_n	Contact: M naestas@	IARY A eogres	. MAEST sources.c	AS com				ease Name CHAPITA V		ell No. S UNIT 814-27
3. Address	600 17TH DENVER		T SUITE 10 202	NOO		·		Phone N : 303-82		e area code	;)	9. A	PI Well No	o.	43-047-40041
4. Location	of Well (Re	port locat	ion clearly ar	d in acc	ordanc	e with Fed	leral req	uirements	s)*						Exploratory ES/MESAVERDE
At surfa			IL 1490FWL									11. 5	Sec., T., R.	, M., or	Block and Survey
			elow SEN		7FNL 1	1490FWL						12. (	County or I		9S R23E Mer SLB 13. State
		NW 2087	FNL 1490F		D1	. 1.		16 D-4	C1-+	- 1			JINTAH	(DE V	UT UT
14. Date Sp 08/28/2	2008			ate T.D. /21/200		ea		□ D &	Complete A 🛮 🛣 2/2008	ea Ready to I	Prod.	17. 1	51evations (	64 GL	B, RT, GL)*
18. Total D		MD TVD	8730			ug Back		MD TVD	86	81	20. Dep	th Bri	dge Plug S		MD TVD
21. Type E RST/CE	lectric & Oth BL/CCL/VD		nical Logs R Temp	un (Subi	mit cop	y of each)	1			Was	well cored DST run? ctional Sur		No No No	Ye:	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing ar	nd Liner Rec	ord (Repo	ort all strings	set in w	ell)						······································				
Hole Size	Size/G	rade	Wt. (#/ft.)	To <sub>l</sub> (MI		Bottom (MD)		Cementer Depth		of Sks. & of Cement	Slurry (BB		Cement	Top*	Amount Pulled
12.250		625 J-55	36.0		0	222	_			70	_	_		0	<b>†</b>
7.875	4.5	00 N-80	<u>11.6</u>		0	8729	9			181	5			570	
	1.				-		+								. 1
											1				
			_												
24. Tubing Size	Record Depth Set (N	/(D) P	acker Depth	(MD)	Size	Dep	th Set (I	MD) I	acker Dep	oth (MD)	Size	De	epth Set (M	(D)	Packer Depth (MD)
2.375		6983										<u> </u>		•	
25. Producii				Т	D : ## :			ation Reco		· ·	C:	Τ,	T- TT-1	1	Dark Chatan
A)	ormation MESAVE	RDF	Тор	6478	Botto	8435	<u>t</u>	erforated	8074 T	O 8435	Size	1	No. Holes	1	Perf. Status
B)	WEST	1100	_	1		0.00			7766 T				3		
C)									7542 T	O 7718			3	1 -	
D)				. E4-					7329 T	O 7479			3	3	
	Depth Interva		nent Squeeze	, Etc.				Δ.	mount and	l Type of I	Material				
•			435 43,221	GALS G	ELLED	WATER &	120,600			. 13pc 011	-14101141		-		
			005 31,214												
			718 47,150	_											
28. Producti			479 46,360	JALS GI	ELLED	WATER &	146,500	3# 20/40 S	AND						
Date First	Test	Hours	Test	Oil	Ga		Water	Oil G		Gas		Producti	ion Method		
Produced 11/12/2008	Date 11/19/2008	Tested 24	Production	BBL 33.0	MO	811.0	BBL 103.6	Corr.	API	Gravi	У		FLO\	WS FRO	OM WELL
Choke Size	Tbg. Press. Flwg. 1425	Csg. Press.	24 Hr. Rate	Oil BBL	Ga MO		Water BBL	Gas:C Ratio	oil	Well !	Status				
12/64"	SI	1900.0		33	:	811	103				PGW				
28a. Produc			Im .	0.7	l a		***	101.0	•.	- Io		D 1:-4	N-4-1		
Date First Produced	Test Date	Hours Tested	Production	Oil BBL	Ga MC		Water BBL	Oil Gi Corr.		Gas Gravit		i roadch	on Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Ga: MC		Water BBL	Gas:O Ratio	il	Well S	Status				
See Instructi		es for add	litional data	on rever	se side,	)	· · · · · · · · · · · · · · · · · · ·						ř	R	<b>ECEIVED</b>

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #65499 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* DEC 1 5 2008

											<del></del> .	
	ction - Interv											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravi	ty	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status			
28c. Produ	ction - Interva	ıl D										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravi				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status	_		
29. Dispos SOLD	ition of Gas(S	old, used fo	or fuel, vent	ed, etc.)				•				
30. Summa Show a tests, in	ary of Porous	ones of por	osity and co	ontents there	of: Cored in tool open,	ntervals and a flowing and s	ll drill-stem shut-in pressures	5	31. For	mation (Log) Markers		
]	Formation		Тор	Bottom		Description	s, Contents, etc.	,		Name	Top Meas. Depth	
32. Additic Please inform:	onal remarks (	include plu	6478 gging proce	dure): ed perforat	ion and ad	ditional form	nation marker		MA UTI WA CH BU	EEN RIVER IHOGANY ELAND BUTTE ISSATCH APITA WELLS CK CANYON ICE RIVER DDLE PRICE RIVER	1499 2127 4243 4354 4906 5573 6424 7220	
1. Elec 5. Sun	enclosed attac strical/Mechar dry Notice for y certify that t	nical Logs ( plugging a	and cement	verification hed informationic Submit	tion is comp	99 Verified b	ysis	7 d from all		records (see attached instruction		
Name (	please print)	MARY A. I	MAESTAS				Title RI	EGULATO	DRY ASS	SISTANT		
Signatu	ire	Electric	Subhissio	on) Ma	refo		Date <u>12</u>	2/11/2008	<i>-</i>			
Title 19 II	S.C. Section 1	001 and Ti	fle 43 II S C	Section 12	12 make it	a crime for a	ny nerson know	ingly and	willfully	to make to any department or as	zency	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

#### Chapita Wells Unit 814-27 - ADDITIONAL REMARKS (CONTINUED):

#### 26. PERFORATION RECORD

7062-7254	3/spf
6786-6954	3/spf
6478-6747	3/spf

#### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7062-7254	45,426 GALS GELLED WATER & 146,300# 20/40 SAND
6786-6954	41,102 GALS GELLED WATER & 129,000# 20/40 SAND
6478-6747	50,517 GALS GELLED WATER & 141,941# 20/40 SAND

Perforated the Lower Price River from 8074-75', 8086-87', 8105-06', 8111-12', 8183-84', 8202-03', 8210-11', 8234-35', 8240-41', 8271-72', 8303-04', 8354-55', 8384-85', 8434-35' w/ 3 spf.

Perforated the Middle Price River from 7766-67', 7792-93', 7793-94', 7838-39', 7856-57', 7889-90', 7919-20', 7943-44', 7950-51', 7975-76', 7985-86', 8004-05' w/ 3 spf.

Perforated the Middle Price River from 7542-43', 7561-62', 7567-68', 7584-85', 7592-93', 7603-04', 7626-27', 7631-32', 7647-48', 7652-53', 7693-94', 7717-18' w/ 3 spf.

Perforated the Middle Price River from 7329-30', 7336-37', 7353-54', 7362-63', 7378-79', 7389-90', 7420-21', 7441-42', 7451-52', 7460-61', 7469-70', 7478-79' w/ 3 spf.

Perforated the Upper Price River from 7062-63', 7071-72', 7081-82', 7090-91', 7118-19', 7149-50', 7171-72', 7199-7200', 7215-16', 7224-25', 7233-34', 7253-54' w/ 3 spf.

Perforated the Upper Price River from 6786-87', 6790-91', 6797-98', 6814-15', 6819-20', 6838-39', 6861-62', 6893-94', 6943-44', 6944-45', 6945-46', 6953-54' w/ 3 spf.

Perforated the Upper Price River from 6478-79', 6571-72', 6576-77', 6596-97', 6611-12', 6617-18', 6653-54', 6677-78', 6699-6700', 6728-29', 6732-33', 6746-47' w/ 3 spf.

#### 32. FORMATION (LOG) MARKERS

Lower Price River	8000
Sego	8532

			FORM O		
	STATE OF UTAH		FORM 9		
	ES IING	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0344A			
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposition—hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 814-27		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047400410000		
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N	I , Denver, CO, 80202 43	PHONE NUMBER: 5 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2087 FNL 1490 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SENW Section: 27	P, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian:	S	STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
✓ SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
Date of Work Completion: 6/8/2009	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME				
	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
DRILLING REPORT	TUBING REPAIR		WATER DISPOSAL		
Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Evaporation unit		
As per verbal appro unit was placed in th	MPLETED OPERATIONS. Clearly show all per val with Nate Packer, Vernal E e reserve pit on the reference s fully evaporated. Upon com pit will be reclaimed.	BLM, a small evaporation d location. The unit will be oletion of evaporation, the Oi	Accepted by the		
NAME (PLEASE PRINT) Mary Maestas	<b>PHONE NUMBER</b> 303 824-5526	<b>TITLE</b> Regulatory Assistant			
SIGNATURE		DATE 6/10/2000			
N/A		6/10/2009			

STATE OF UTAH		FORM 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0344A	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 814-27	
2. NAME OF OPERATOR: EOG Resources, Inc.			<b>9. API NUMBER:</b> 43047400410000	
3. ADDRESS OF OPERATOR: PHONE NUMBER: 1060 East Highway 40 , Vernal, UT, 84078 435 781-9111 Ext			9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2087 FNL 1490 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 27 Township: 09.0S Range: 23.0E Meridian: S			COUNTY: UINTAH	
			STATE: UTAH	
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	ALTER CASING	CASING REPAIR	
	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME	
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion: 8/13/2009	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION	
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
☐ DRILLING REPORT Report Date:	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL	
	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Pit Closure	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The reserve pit on the referenced location was closed on 8/13/2009 as per the APD procedure.  Accepted by the Utah Division of Oil, Gas and Mining  FOR RECARDA ONLY				
NAME (PLEASE PRINT) Mickenzie Thacker	<b>PHONE NUMBER</b> 435 781-9145	TITLE Operations Clerk		
SIGNATURE		DATE		
N/A		8/21/2009		